

Unicode hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)	Description / Information
u0020	'	'	SPACE
u0021	!	!	EXCLAMATION MARK
u0022	"	"	QUOTATION MARK (entity name is ")
u0023	#	#	NUMBER SIGN
u0024	\$	\$	DOLLAR SIGN
u0025	%	%	PERCENT SIGN
u0026	&	&	AMPERSAND (entity name is &)
u0027	'	'	APOSTROPHE
u0028	((LEFT PARENTHESIS
u0029))	RIGHT PARENTHESIS
u002a	*	*	ASTERISK
u002b	+	+	PLUS SIGN
u002c	,	,	COMMA
u002d	-	-	HYPHEN-MINUS
u002e	.	.	FULL STOP
u002f	/	/	SOLIDUS
u0030	0	0	DIGIT ZERO
u0031	1	1	DIGIT ONE
u0032	2	2	DIGIT TWO
u0033	3	3	DIGIT THREE
u0034	4	4	DIGIT FOUR
u0035	5	5	DIGIT FIVE
u0036	6	6	DIGIT SIX
u0037	7	7	DIGIT SEVEN
u0038	8	8	DIGIT EIGHT
u0039	9	9	DIGIT NINE
u003a	:	:	COLON
u003b	;	;	SEMICOLON
u003d	=	=	EQUALS SIGN
u003f	?	?	QUESTION MARK
u0040	@	@	COMMERCIAL AT
u0041	A	A	LATIN CAPITAL LETTER A
u0042	B	B	LATIN CAPITAL LETTER B
u0043	C	C	LATIN CAPITAL LETTER C
u0044	D	D	LATIN CAPITAL LETTER D
u0045	E	E	LATIN CAPITAL LETTER E
u0046	F	F	LATIN CAPITAL LETTER F
u0047	G	G	LATIN CAPITAL LETTER G
u0048	H	H	LATIN CAPITAL LETTER H
u0049	I	I	LATIN CAPITAL LETTER I
u004a	J	J	LATIN CAPITAL LETTER J
u004b	K	K	LATIN CAPITAL LETTER K
u004c	L	L	LATIN CAPITAL LETTER L
u004d	M	M	LATIN CAPITAL LETTER M

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u004e	N	N	LATIN CAPITAL LETTER N
u004f	O	O	LATIN CAPITAL LETTER O
u0050	P	P	LATIN CAPITAL LETTER P
u0051	Q	Q	LATIN CAPITAL LETTER Q
u0052	R	R	LATIN CAPITAL LETTER R
u0053	S	S	LATIN CAPITAL LETTER S
u0054	T	T	LATIN CAPITAL LETTER T
u0055	U	U	LATIN CAPITAL LETTER U
u0056	V	V	LATIN CAPITAL LETTER V
u0057	W	W	LATIN CAPITAL LETTER W
u0058	X	X	LATIN CAPITAL LETTER X
u0059	Y	Y	LATIN CAPITAL LETTER Y
u005a	Z	Z	LATIN CAPITAL LETTER Z
u005b	[[LEFT SQUARE BRACKET
u005c	\	\	REVERSE SOLIDUS
u005d]]	RIGHT SQUARE BRACKET
u005e	^	^	CIRCUMFLEX ACCENT
u005f	_	_	LOW LINE
u0060	`	`	GRAVE ACCENT
u0061	a	a	LATIN SMALL LETTER A
u0062	b	b	LATIN SMALL LETTER B
u0063	c	c	LATIN SMALL LETTER C
u0064	d	d	LATIN SMALL LETTER D
u0065	e	e	LATIN SMALL LETTER E
u0066	f	f	LATIN SMALL LETTER F
u0067	g	g	LATIN SMALL LETTER G
u0068	h	h	LATIN SMALL LETTER H
u0069	i	i	LATIN SMALL LETTER I
u006a	j	j	LATIN SMALL LETTER J
u006b	k	k	LATIN SMALL LETTER K
u006c	l	l	LATIN SMALL LETTER L
u006d	m	m	LATIN SMALL LETTER M
u006e	n	n	LATIN SMALL LETTER N
u006f	o	o	LATIN SMALL LETTER O
u0070	p	p	LATIN SMALL LETTER P
u0071	q	q	LATIN SMALL LETTER Q
u0072	r	r	LATIN SMALL LETTER R
u0073	s	s	LATIN SMALL LETTER S
u0074	t	t	LATIN SMALL LETTER T
u0075	u	u	LATIN SMALL LETTER U
u0076	v	v	LATIN SMALL LETTER V
u0077	w	w	LATIN SMALL LETTER W
u0078	x	x	LATIN SMALL LETTER X
u0079	y	y	LATIN SMALL LETTER Y
u007a	z	z	LATIN SMALL LETTER Z
u007b	{	{	LEFT CURLY BRACKET
u007c			VERTICAL LINE
u007d	}	}	RIGHT CURLY BRACKET
u007e	~	~	TILDE
u007f			<control>

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u00a0			NO-BREAK SPACE
u00a1	¡	!	INVERTED EXCLAMATION MARK
u00a2	¢	c	CENT SIGN
u00a3	£	GBP	POUND SIGN
u00a4	¤	#	CURRENCY SIGN
u00a5	¥	Yen	YEN SIGN
u00a6	¦		BROKEN BAR
u00a7	§	#	SECTION SIGN
u00a8	¨	#	DIAERESIS
u00a9	©	#	COPYRIGHT SIGN
u00aa	ª	#	FEMININE ORDINAL INDICATOR
u00ab	«	#	LEFT-POINTING DOUBLE ANGLE QUOTATION MARK
u00ac	¬	#	NOT SIGN
u00ae	®	#	REGISTERED SIGN
u00af	¸	#	MACRON
u00b0	°	#	DEGREE SIGN
u00b1	±	#	PLUS-MINUS SIGN
u00b2	²	#	SUPERSCRIPT TWO
u00b3	³	#	SUPERSCRIPT THREE
u00b4	´	#	ACUTE ACCENT
u00b5	µ	#	MICRO SIGN
u00b6	¶	#	PILCROW SIGN
u00b7	·	#	MIDDLE DOT
u00b8	¸	#	CEDILLA
u00b9	¹	#	SUPERSCRIPT ONE
u00ba	º	#	MASCULINE ORDINAL INDICATOR
u00bb	»	#	RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK
u00bc	¼	#	VULGAR FRACTION ONE QUARTER
u00bd	½	#	VULGAR FRACTION ONE HALF
u00be	¾	#	VULGAR FRACTION THREE QUARTERS
u00bf	¿	?	INVERTED QUESTION MARK
u00c0	À	A	LATIN CAPITAL LETTER A WITH GRAVE
u00c1	Á	A	LATIN CAPITAL LETTER A WITH ACUTE
u00c2	Â	A	LATIN CAPITAL LETTER A WITH CIRCUMFLEX
u00c3	Ã	A	LATIN CAPITAL LETTER A WITH TILDE
u00c4	Ä	A	LATIN CAPITAL LETTER A WITH DIAERESIS
u00c5	Å	A	LATIN CAPITAL LETTER A WITH RING ABOVE
u00c6	Æ	AE	LATIN CAPITAL LETTER AE
u00c7	Ç	C	LATIN CAPITAL LETTER C WITH CEDILLA
u00c8	È	E	LATIN CAPITAL LETTER E WITH GRAVE
u00c9	É	E	LATIN CAPITAL LETTER E WITH ACUTE
u00ca	Ê	E	LATIN CAPITAL LETTER E WITH CIRCUMFLEX
u00cb	Ë	E	LATIN CAPITAL LETTER E WITH DIAERESIS
u00cc	Ì	I	LATIN CAPITAL LETTER I WITH GRAVE
u00cd	Í	I	LATIN CAPITAL LETTER I WITH ACUTE
Unicode	European character	Substituted English character	

hex number	(Unicode character)	(Substituted ASCII character)	Description / Information
u00ce	Î	I	LATIN CAPITAL LETTER I WITH CIRCUMFLEX
u00cf	Ï	I	LATIN CAPITAL LETTER I WITH DIAERESIS
u00d0	Ð	D	LATIN CAPITAL LETTER ETH
u00d1	Ñ	N	LATIN CAPITAL LETTER N WITH TILDE
u00d2	Ò	O	LATIN CAPITAL LETTER O WITH GRAVE
u00d3	Ó	O	LATIN CAPITAL LETTER O WITH ACUTE
u00d4	Ô	O	LATIN CAPITAL LETTER O WITH CIRCUMFLEX
u00d5	Õ	O	LATIN CAPITAL LETTER O WITH TILDE
u00d6	Ö	O	LATIN CAPITAL LETTER O WITH DIAERESIS
u00d7	×	*	MULTIPLICATION SIGN
u00d8	Ø	O	LATIN CAPITAL LETTER O WITH STROKE
u00d9	Ù	U	LATIN CAPITAL LETTER U WITH GRAVE
u00da	Ú	U	LATIN CAPITAL LETTER U WITH ACUTE
u00db	Û	U	LATIN CAPITAL LETTER U WITH CIRCUMFLEX
u00dc	Ü	U	LATIN CAPITAL LETTER U WITH DIAERESIS
u00dd	Ý	Y	LATIN CAPITAL LETTER Y WITH ACUTE
u00de	Þ	#	LATIN CAPITAL LETTER THORN
u00df	ß	ss	LATIN SMALL LETTER SHARP S
u00e0	à	a	LATIN SMALL LETTER A WITH GRAVE
u00e1	á	a	LATIN SMALL LETTER A WITH ACUTE
u00e2	â	a	LATIN SMALL LETTER A WITH CIRCUMFLEX
u00e3	ã	a	LATIN SMALL LETTER A WITH TILDE
u00e4	ä	a	LATIN SMALL LETTER A WITH DIAERESIS
u00e5	å	a	LATIN SMALL LETTER A WITH RING ABOVE
u00e6	æ	æ	LATIN SMALL LETTER AE
u00e7	ç	c	LATIN SMALL LETTER C WITH CEDILLA
u00e8	è	e	LATIN SMALL LETTER E WITH GRAVE
u00e9	é	e	LATIN SMALL LETTER E WITH ACUTE
u00ea	ê	e	LATIN SMALL LETTER E WITH CIRCUMFLEX
u00eb	ë	e	LATIN SMALL LETTER E WITH DIAERESIS
u00ec	ì	i	LATIN SMALL LETTER I WITH GRAVE
u00ed	í	i	LATIN SMALL LETTER I WITH ACUTE
u00ee	î	i	LATIN SMALL LETTER I WITH CIRCUMFLEX
u00ef	ï	i	LATIN SMALL LETTER I WITH DIAERESIS
u00f0	ð	#	LATIN SMALL LETTER ETH
u00f1	ñ	n	LATIN SMALL LETTER N WITH TILDE
u00f2	ò	o	LATIN SMALL LETTER O WITH GRAVE
u00f3	ó	o	LATIN SMALL LETTER O WITH ACUTE
u00f4	ô	o	LATIN SMALL LETTER O WITH CIRCUMFLEX
u00f5	õ	o	LATIN SMALL LETTER O WITH TILDE
u00f6	ö	o	LATIN SMALL LETTER O WITH DIAERESIS
u00f7	÷	/	DIVISION SIGN
u00f8	ø	o	LATIN SMALL LETTER O WITH STROKE
u00f9	ù	u	LATIN SMALL LETTER U WITH GRAVE
u00fa	ú	u	LATIN SMALL LETTER U WITH ACUTE
u00fb	û	u	LATIN SMALL LETTER U WITH CIRCUMFLEX
u00fc	ü	u	LATIN SMALL LETTER U WITH DIAERESIS
u00fd	ý	y	LATIN SMALL LETTER Y WITH ACUTE
u00fe	þ	#	LATIN SMALL LETTER THORN
u00ff	ÿ	y	LATIN SMALL LETTER Y WITH DIAERESIS

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u0100	Ā	A	LATIN CAPITAL LETTER A WITH MACRON
u0101	ā	a	LATIN SMALL LETTER A WITH MACRON
u0102	Ă	A	LATIN CAPITAL LETTER A WITH BREVE
u0103	ă	a	LATIN SMALL LETTER A WITH BREVE
u0104	Ą	A	LATIN CAPITAL LETTER A WITH OGONEK
u0105	ą	a	LATIN SMALL LETTER A WITH OGONEK
u0106	Ć	C	LATIN CAPITAL LETTER C WITH ACUTE
u0107	ć	c	LATIN SMALL LETTER C WITH ACUTE
u0108	Ĉ	C	LATIN CAPITAL LETTER C WITH CIRCUMFLEX
u0109	ĉ	c	LATIN SMALL LETTER C WITH CIRCUMFLEX
u010a	Ċ	C	LATIN CAPITAL LETTER C WITH DOT ABOVE
u010b	ċ	c	LATIN SMALL LETTER C WITH DOT ABOVE
u010c	Č	C	LATIN CAPITAL LETTER C WITH CARON
u010d	č	c	LATIN SMALL LETTER C WITH CARON
u010e	Ď	D	LATIN CAPITAL LETTER D WITH CARON
u010f	ď	d	LATIN SMALL LETTER D WITH CARON
u0110	Ð	D	LATIN CAPITAL LETTER D WITH STROKE
u0111	ð	d	LATIN SMALL LETTER D WITH STROKE
u0112	Ē	E	LATIN CAPITAL LETTER E WITH MACRON
u0113	ē	e	LATIN SMALL LETTER E WITH MACRON
u0114	Ĕ	E	LATIN CAPITAL LETTER E WITH BREVE
u0115	ĕ	e	LATIN SMALL LETTER E WITH BREVE
u0116	Ė	E	LATIN CAPITAL LETTER E WITH DOT ABOVE
u0117	ė	e	LATIN SMALL LETTER E WITH DOT ABOVE
u0118	Ę	E	LATIN CAPITAL LETTER E WITH OGONEK
u0119	ę	e	LATIN SMALL LETTER E WITH OGONEK
u011a	Ě	E	LATIN CAPITAL LETTER E WITH CARON
u011b	ě	e	LATIN SMALL LETTER E WITH CARON
u011c	Ĝ	G	LATIN CAPITAL LETTER G WITH CIRCUMFLEX
u011d	ĝ	g	LATIN SMALL LETTER G WITH CIRCUMFLEX
u011e	Ğ	G	LATIN CAPITAL LETTER G WITH BREVE
u011f	ğ	g	LATIN SMALL LETTER G WITH BREVE
u0120	Ġ	G	LATIN CAPITAL LETTER G WITH DOT ABOVE
u0121	ġ	g	LATIN SMALL LETTER G WITH DOT ABOVE
u0122	Ç	G	LATIN CAPITAL LETTER G WITH CEDILLA
u0123	ç	g	LATIN SMALL LETTER G WITH CEDILLA
u0124	Ĥ	H	LATIN CAPITAL LETTER H WITH CIRCUMFLEX
u0125	ĥ	h	LATIN SMALL LETTER H WITH CIRCUMFLEX
u0126	Ħ	H	LATIN CAPITAL LETTER H WITH STROKE
u0127	ħ	h	LATIN SMALL LETTER H WITH STROKE
u0128	Ĩ	I	LATIN CAPITAL LETTER I WITH TILDE
u0129	ĩ	i	LATIN SMALL LETTER I WITH TILDE
u012a	Ī	I	LATIN CAPITAL LETTER I WITH MACRON
u012b	ī	i	LATIN SMALL LETTER I WITH MACRON
u012c	Ĭ	I	LATIN CAPITAL LETTER I WITH BREVE
u012d	ĭ	i	LATIN SMALL LETTER I WITH BREVE

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u012e	Ĳ	I	LATIN CAPITAL LETTER I WITH OGONEK
u012f	ĳ	i	LATIN SMALL LETTER I WITH OGONEK
u0130	Ĳ̇	I	LATIN CAPITAL LETTER I WITH DOT ABOVE
u0131	ı	i	LATIN SMALL LETTER DOTLESS I
u0132	IJ	IJ	LATIN CAPITAL LIGATURE IJ
u0133	ij	ij	LATIN SMALL LIGATURE IJ
u0134	Ĵ	J	LATIN CAPITAL LETTER J WITH CIRCUMFLEX
u0135	ĵ	j	LATIN SMALL LETTER J WITH CIRCUMFLEX
u0136	Ķ	K	LATIN CAPITAL LETTER K WITH CEDILLA
u0137	ķ	k	LATIN SMALL LETTER K WITH CEDILLA
u0138	κ	K	LATIN SMALL LETTER KRA
u0139	Ĺ	L	LATIN CAPITAL LETTER L WITH ACUTE
u013a	ĺ	l	LATIN SMALL LETTER L WITH ACUTE
u013b	Ł	L	LATIN CAPITAL LETTER L WITH CEDILLA
u013c	ł	l	LATIN SMALL LETTER L WITH CEDILLA
u013d	Ľ	L	LATIN CAPITAL LETTER L WITH CARON
u013e	ľ	l	LATIN SMALL LETTER L WITH CARON
u013f	Ļ	L	LATIN CAPITAL LETTER L WITH MIDDLE DOT
u0140	ļ	l	LATIN SMALL LETTER L WITH MIDDLE DOT
u0141	Ł	L	LATIN CAPITAL LETTER L WITH STROKE
u0142	ł	l	LATIN SMALL LETTER L WITH STROKE
u0143	Ń	N	LATIN CAPITAL LETTER N WITH ACUTE
u0144	ń	n	LATIN SMALL LETTER N WITH ACUTE
u0145	Ņ	N	LATIN CAPITAL LETTER N WITH CEDILLA
u0146	ņ	n	LATIN SMALL LETTER N WITH CEDILLA
u0147	Ñ	N	LATIN CAPITAL LETTER N WITH CARON
u0148	ň	n	LATIN SMALL LETTER N WITH CARON
u0149	ˆn	n	LATIN SMALL LETTER N PRECEDED BY APOSTROPHE
u014a	Ŋ	N	LATIN CAPITAL LETTER ENG
u014b	ŋ	n	LATIN SMALL LETTER ENG
u014c	Ō	O	LATIN CAPITAL LETTER O WITH MACRON
u014d	ō	o	LATIN SMALL LETTER O WITH MACRON
u014e	Ŏ	O	LATIN CAPITAL LETTER O WITH BREVE
u014f	ö	o	LATIN SMALL LETTER O WITH BREVE
u0150	Ő	O	LATIN CAPITAL LETTER O WITH DOUBLE ACUTE
u0151	ó	o	LATIN SMALL LETTER O WITH DOUBLE ACUTE
u0152	Œ	OE	LATIN CAPITAL LIGATURE OE (entity name is Œ)
u0153	œ	oe	LATIN SMALL LIGATURE OE (entity name is &oeilig;)
u0154	Ŕ	R	LATIN CAPITAL LETTER R WITH ACUTE
u0155	ŕ	r	LATIN SMALL LETTER R WITH ACUTE
u0156	Ŗ	R	LATIN CAPITAL LETTER R WITH CEDILLA
u0157	ŗ	r	LATIN SMALL LETTER R WITH CEDILLA
u0158	Ř	R	LATIN CAPITAL LETTER R WITH CARON
u0159	ř	r	LATIN SMALL LETTER R WITH CARON
u015a	Ś	S	LATIN CAPITAL LETTER S WITH ACUTE
u015b	ś	s	LATIN SMALL LETTER S WITH ACUTE
u015c	Ŝ	S	LATIN CAPITAL LETTER S WITH CIRCUMFLEX
u015d	ŝ	s	LATIN SMALL LETTER S WITH CIRCUMFLEX
u015e	Ş	S	LATIN CAPITAL LETTER S WITH CEDILLA
u015f	ş	s	LATIN SMALL LETTER S WITH CEDILLA
u0160	Š	S	LATIN CAPITAL LETTER S WITH CARON (entity name is Š)

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u0161	š	s	LATIN SMALL LETTER S WITH CARON (entity name is š)
u0162	Ţ	T	LATIN CAPITAL LETTER T WITH CEDILLA
u0163	ţ	t	LATIN SMALL LETTER T WITH CEDILLA
u0164	Š	T	LATIN CAPITAL LETTER T WITH CARON
u0165	š	t	LATIN SMALL LETTER T WITH CARON
u0166	Ʀ	T	LATIN CAPITAL LETTER T WITH STROKE
u0167	ƥ	t	LATIN SMALL LETTER T WITH STROKE
u0168	Ū	U	LATIN CAPITAL LETTER U WITH TILDE
u0169	ū	u	LATIN SMALL LETTER U WITH TILDE
u016a	Ū	U	LATIN CAPITAL LETTER U WITH MACRON
u016b	ū	u	LATIN SMALL LETTER U WITH MACRON
u016c	Ů	U	LATIN CAPITAL LETTER U WITH BREVE
u016d	ů	u	LATIN SMALL LETTER U WITH BREVE
u016e	Ů	U	LATIN CAPITAL LETTER U WITH RING ABOVE
u016f	ů	u	LATIN SMALL LETTER U WITH RING ABOVE
u0170	Ű	U	LATIN CAPITAL LETTER U WITH DOUBLE ACUTE
u0171	ű	u	LATIN SMALL LETTER U WITH DOUBLE ACUTE
u0172	Ų	U	LATIN CAPITAL LETTER U WITH OGONEK
u0173	ų	u	LATIN SMALL LETTER U WITH OGONEK
u0174	Ŵ	W	LATIN CAPITAL LETTER W WITH CIRCUMFLEX
u0175	ŵ	w	LATIN SMALL LETTER W WITH CIRCUMFLEX
u0176	Ŷ	Y	LATIN CAPITAL LETTER Y WITH CIRCUMFLEX
u0177	ŷ	y	LATIN SMALL LETTER Y WITH CIRCUMFLEX
u0178	ÿ	Y	LATIN CAPITAL LETTER Y WITH DIAERESIS (entity name is Ÿ)
u0179	Ź	Z	LATIN CAPITAL LETTER Z WITH ACUTE
u017a	ź	z	LATIN SMALL LETTER Z WITH ACUTE
u017b	Ž	Z	LATIN CAPITAL LETTER Z WITH DOT ABOVE
u017c	ž	z	LATIN SMALL LETTER Z WITH DOT ABOVE
u017d	Ž	Z	LATIN CAPITAL LETTER Z WITH CARON
u017e	ž	z	LATIN SMALL LETTER Z WITH CARON
u017f	ſ	s	LATIN SMALL LETTER LONG S

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u0180	ƀ	b	LATIN SMALL LETTER B WITH STROKE
u0181	Ɓ	B	LATIN CAPITAL LETTER B WITH HOOK
u0182	Ƃ	b	LATIN CAPITAL LETTER B WITH TOPBAR
u0183	ƃ	b	LATIN SMALL LETTER B WITH TOPBAR
u0184	Ƅ	b	LATIN CAPITAL LETTER TONE SIX
u0185	ƅ	b	LATIN SMALL LETTER TONE SIX
u0186	Ɔ	O	LATIN CAPITAL LETTER OPEN O
u0187	Ƈ	C	LATIN CAPITAL LETTER C WITH HOOK
u0188	ƈ	c	LATIN SMALL LETTER C WITH HOOK
u0189	Ɖ	D	LATIN CAPITAL LETTER AFRICAN D
u018a	Ɗ	D	LATIN CAPITAL LETTER D WITH HOOK
u018b	Ƌ	D	LATIN CAPITAL LETTER D WITH TOPBAR
u018c	ƌ	D	LATIN SMALL LETTER D WITH TOPBAR
u018d	ƍ	#	LATIN SMALL LETTER TURNED DELTA
u018e	Ǝ	E	LATIN CAPITAL LETTER REVERSED E
u018f	Ə	#	LATIN CAPITAL LETTER SCHWA
u0190	Ɛ	E	LATIN CAPITAL LETTER OPEN E
u0191	Ƒ	F	LATIN CAPITAL LETTER F WITH HOOK
u0192	ƒ	f	LATIN SMALL LETTER F WITH HOOK
u0193	Ɠ	G	LATIN CAPITAL LETTER G WITH HOOK
u0194	Ɣ	v	LATIN CAPITAL LETTER GAMMA
u0195	ƕ	hv	LATIN SMALL LETTER HV
u0196	Ɩ	j	LATIN CAPITAL LETTER IOTA
u0197	Ɨ	l	LATIN CAPITAL LETTER I WITH STROKE
u0198	Ƙ	K	LATIN CAPITAL LETTER K WITH HOOK
u0199	ƙ	k	LATIN SMALL LETTER K WITH HOOK
u019a	ƚ	l	LATIN SMALL LETTER L WITH BAR
u019b	ƛ	l	LATIN SMALL LETTER LAMBDA WITH STROKE
u019c	Ɯ	M	LATIN CAPITAL LETTER TURNED M
u019d	Ɲ	N	LATIN CAPITAL LETTER N WITH LEFT HOOK
u019e	ƞ	n	LATIN SMALL LETTER N WITH LONG RIGHT LEG
u019f	Ɵ	O	LATIN CAPITAL LETTER O WITH MIDDLE TILDE
u01a0	Ɛ	O	LATIN CAPITAL LETTER O WITH HORN
u01a1	σ	o	LATIN SMALL LETTER O WITH HORN
u01a2	Ɔ]	Oi	LATIN CAPITAL LETTER OI
u01a3	oi	oi	LATIN SMALL LETTER OI
u01a4	Ƒ	P	LATIN CAPITAL LETTER P WITH HOOK
u01a5	ƒ	p	LATIN SMALL LETTER P WITH HOOK
u01a6	ƚ	YR	LATIN LETTER YR
u01a7	Ƃ	#	LATIN CAPITAL LETTER TONE TWO
u01a8	ƃ	#	LATIN SMALL LETTER TONE TWO
u01a9	Ǝ	#	LATIN CAPITAL LETTER ESH
u01aa	ƞ	#	LATIN LETTER REVERSED ESH LOOP
u01ab	ƚ	t	LATIN SMALL LETTER T WITH PALATAL HOOK
u01ac	Ƒ	T	LATIN CAPITAL LETTER T WITH HOOK
u01ad	ƒ	t	LATIN SMALL LETTER T WITH HOOK

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u01ae	Ŧ	T	LATIN CAPITAL LETTER T WITH RETROFLEX HOOK
u01af	Ũ	U	LATIN CAPITAL LETTER U WITH HORN
u01b0	Ů	u	LATIN SMALL LETTER U WITH HORN
u01b1	Ū	U	LATIN CAPITAL LETTER UPSILON
u01b2	Ŵ	V	LATIN CAPITAL LETTER V WITH HOOK
u01b3	Ŷ	Y	LATIN CAPITAL LETTER Y WITH HOOK
u01b4	ŷ	y	LATIN SMALL LETTER Y WITH HOOK
u01b5	Z	Z	LATIN CAPITAL LETTER Z WITH STROKE
u01b6	z	z	LATIN SMALL LETTER Z WITH STROKE
u01b7	Ʒ	Z	LATIN CAPITAL LETTER EZH
u01b8	Ʒ̅	Z	LATIN CAPITAL LETTER EZH REVERSED
u01b9	Ʒ̆	Z	LATIN SMALL LETTER EZH REVERSED
u01ba	Ʒ̇	z	LATIN SMALL LETTER EZH WITH TAIL
u01bb	ƶ	#	LATIN LETTER TWO WITH STROKE
u01bc	Ƶ	#	LATIN CAPITAL LETTER TONE FIVE
u01bd	ƶ̆	#	LATIN SMALL LETTER TONE FIVE
u01be	Ʒ̈	#	LATIN LETTER INVERTED GLOTTAL STOP WITH STROKE
u01bf	Ƶ̈	#	LATIN LETTER WYNN
u01c0			LATIN LETTER DENTAL CLICK
u01c1			LATIN LETTER LATERAL CLICK
u01c2	‡	!	LATIN LETTER ALVEOLAR CLICK
u01c3	!̥	!	LATIN LETTER RETROFLEX CLICK
u01c4	DŽ	DZ	LATIN CAPITAL LETTER DZ WITH CARON
u01c5	Dž	Dz	LATIN CAPITAL LETTER D WITH SMALL LETTER Z WITH CARON
u01c6	dž	dz	LATIN SMALL LETTER DZ WITH CARON
u01c7	LJ	LJ	LATIN CAPITAL LETTER LJ
u01c8	Lj	Lj	LATIN CAPITAL LETTER L WITH SMALL LETTER J
u01c9	lj	lj	LATIN SMALL LETTER LJ
u01ca	NJ	NJ	LATIN CAPITAL LETTER NJ
u01cb	Nj	Nj	LATIN CAPITAL LETTER N WITH SMALL LETTER J
u01cc	nj	nj	LATIN SMALL LETTER NJ
u01cd	Ǻ	A	LATIN CAPITAL LETTER A WITH CARON
u01ce	ǻ	a	LATIN SMALL LETTER A WITH CARON
u01cf	Ǻ̇	I	LATIN CAPITAL LETTER I WITH CARON
u01d0	ǻ̇	i	LATIN SMALL LETTER I WITH CARON
u01d1	Ǫ	O	LATIN CAPITAL LETTER O WITH CARON
u01d2	ǫ	o	LATIN SMALL LETTER O WITH CARON
u01d3	Ǯ	U	LATIN CAPITAL LETTER U WITH CARON
u01d4	ǯ	u	LATIN SMALL LETTER U WITH CARON
u01d5	Ǭ	U	LATIN CAPITAL LETTER U WITH DIAERESIS AND MACRON
u01d6	ǭ	u	LATIN SMALL LETTER U WITH DIAERESIS AND MACRON
u01d7	Ǫ̇	U	LATIN CAPITAL LETTER U WITH DIAERESIS AND ACUTE
u01d8	ǫ̇	u	LATIN SMALL LETTER U WITH DIAERESIS AND ACUTE
u01d9	Ǫ̂	U	LATIN CAPITAL LETTER U WITH DIAERESIS AND CARON
u01da	ǫ̂	u	LATIN SMALL LETTER U WITH DIAERESIS AND CARON
u01db	Ǫ̃	U	LATIN CAPITAL LETTER U WITH DIAERESIS AND GRAVE
u01dc	ǫ̃	u	LATIN SMALL LETTER U WITH DIAERESIS AND GRAVE
u01dd	ə	e	LATIN SMALL LETTER TURNED E
u01de	Ǻ̄	A	LATIN CAPITAL LETTER A WITH DIAERESIS AND MACRON
u01df	ǻ̄	a	LATIN SMALL LETTER A WITH DIAERESIS AND MACRON
u01e0	Ǻ̇̄	A	LATIN CAPITAL LETTER A WITH DOT ABOVE AND MACRON

Unicode hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)	Description / Information
u01e1	ā	a	LATIN SMALL LETTER A WITH DOT ABOVE AND MACRON
u01e2	Ā	AE	LATIN CAPITAL LETTER AE WITH MACRON
u01e3	ǣ	ae	LATIN SMALL LETTER AE WITH MACRON
u01e4	Ġ	G	LATIN CAPITAL LETTER G WITH STROKE
u01e5	g	g	LATIN SMALL LETTER G WITH STROKE
u01e6	Ģ	G	LATIN CAPITAL LETTER G WITH CARON
u01e7	ģ	g	LATIN SMALL LETTER G WITH CARON
u01e8	Ķ	K	LATIN CAPITAL LETTER K WITH CARON
u01e9	ķ	k	LATIN SMALL LETTER K WITH CARON
u01ea	Ō	O	LATIN CAPITAL LETTER O WITH OGONEK
u01eb	o	o	LATIN SMALL LETTER O WITH OGONEK
u01ec	Ŏ	O	LATIN CAPITAL LETTER O WITH OGONEK AND MACRON
u01ed	ō	o	LATIN SMALL LETTER O WITH OGONEK AND MACRON
u01ee	Ź	Z	LATIN CAPITAL LETTER EZH WITH CARON
u01ef	ź	z	LATIN SMALL LETTER EZH WITH CARON
u01f0	ĵ	j	LATIN SMALL LETTER J WITH CARON
u01f1	DZ	DZ	LATIN CAPITAL LETTER DZ
u01f2	Dz	Dz	LATIN CAPITAL LETTER D WITH SMALL LETTER Z
u01f3	dz	dz	LATIN SMALL LETTER DZ
u01f4	Ĝ	G	LATIN CAPITAL LETTER G WITH ACUTE
u01f5	g	g	LATIN SMALL LETTER G WITH ACUTE
u01f6	Hw	#	LATIN CAPITAL LETTER HWAIR
u01f7	p	#	LATIN CAPITAL LETTER WYNN
u01f8	Ñ	N	LATIN CAPITAL LETTER N WITH GRAVE
u01f9	ñ	n	LATIN SMALL LETTER N WITH GRAVE
u01fa	Ā	A	LATIN CAPITAL LETTER A WITH RING ABOVE AND ACUTE
u01fb	á	a	LATIN SMALL LETTER A WITH RING ABOVE AND ACUTE
u01fc	Ā	AE	LATIN CAPITAL LETTER AE WITH ACUTE
u01fd	ǣ	ae	LATIN SMALL LETTER AE WITH ACUTE
u01fe	Ō	O	LATIN CAPITAL LETTER O WITH STROKE AND ACUTE
u01ff	ó	o	LATIN SMALL LETTER O WITH STROKE AND ACUTE
u0200	Ä	A	LATIN CAPITAL LETTER A WITH DOUBLE GRAVE
u0201	ä	a	LATIN SMALL LETTER A WITH DOUBLE GRAVE
u0202	Â	A	LATIN CAPITAL LETTER A WITH INVERTED BREVE
u0203	â	a	LATIN SMALL LETTER A WITH INVERTED BREVE
u0204	È	E	LATIN CAPITAL LETTER E WITH DOUBLE GRAVE
u0205	è	e	LATIN SMALL LETTER E WITH DOUBLE GRAVE
u0206	Ê	E	LATIN CAPITAL LETTER E WITH INVERTED BREVE
u0207	ê	e	LATIN SMALL LETTER E WITH INVERTED BREVE
u0208	Ì	I	LATIN CAPITAL LETTER I WITH DOUBLE GRAVE
u0209	ì	i	LATIN SMALL LETTER I WITH DOUBLE GRAVE
u020a	Î	I	LATIN CAPITAL LETTER I WITH INVERTED BREVE
u020b	î	i	LATIN SMALL LETTER I WITH INVERTED BREVE
u020c	Ï	O	LATIN CAPITAL LETTER O WITH DOUBLE GRAVE
u020d	ï	o	LATIN SMALL LETTER O WITH DOUBLE GRAVE
u020e	Ï	O	LATIN CAPITAL LETTER O WITH INVERTED BREVE
u020f	ï	o	LATIN SMALL LETTER O WITH INVERTED BREVE
u0210	Ř	R	LATIN CAPITAL LETTER R WITH DOUBLE GRAVE
u0211	ř	r	LATIN SMALL LETTER R WITH DOUBLE GRAVE
u0212	Ŕ	R	LATIN CAPITAL LETTER R WITH INVERTED BREVE
u0213	ŕ	r	LATIN SMALL LETTER R WITH INVERTED BREVE

Unicode Hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)	Description / Information
u0214	Û	U	LATIN CAPITAL LETTER U WITH DOUBLE GRAVE
u0215	ü	u	LATIN SMALL LETTER U WITH DOUBLE GRAVE
u0216	Û	U	LATIN CAPITAL LETTER U WITH INVERTED BREVE
u0217	û	u	LATIN SMALL LETTER U WITH INVERTED BREVE
u0218	Ş	S	LATIN CAPITAL LETTER S WITH COMMA BELOW
u0219	ş	s	LATIN SMALL LETTER S WITH COMMA BELOW
u021a	Ŧ	T	LATIN CAPITAL LETTER T WITH COMMA BELOW
u021b	ț	t	LATIN SMALL LETTER T WITH COMMA BELOW
u021c	Ʒ	G	LATIN CAPITAL LETTER YOGH
u021d	Ʒ	g	LATIN SMALL LETTER YOGH
u021e	Ĥ	H	LATIN CAPITAL LETTER H WITH CARON
u021f	ĥ	h	LATIN SMALL LETTER H WITH CARON
u0220	Ŋ	N	LATIN CAPITAL LETTER N WITH LONG RIGHT LEG
u0221	ɔ̣	d	LATIN SMALL LETTER D WITH CURL
u0222	ɔ̥	OU	LATIN CAPITAL LETTER OU
u0223	ɔ̥	ou	LATIN SMALL LETTER OU
u0224	Ƶ	Z	LATIN CAPITAL LETTER Z WITH HOOK
u0225	ƶ	z	LATIN SMALL LETTER Z WITH HOOK
u0226	Ā	A	LATIN CAPITAL LETTER A WITH DOT ABOVE
u0227	ā	a	LATIN SMALL LETTER A WITH DOT ABOVE
u0228	Ē	E	LATIN CAPITAL LETTER E WITH CEDILLA
u0229	ē	e	LATIN SMALL LETTER E WITH CEDILLA
u022a	Ō	O	LATIN CAPITAL LETTER O WITH DIAERESIS AND MACRON
u022b	ō	o	LATIN SMALL LETTER O WITH DIAERESIS AND MACRON
u022c	Ȫ	O	LATIN CAPITAL LETTER O WITH TILDE AND MACRON
u022d	ȫ	o	LATIN SMALL LETTER O WITH TILDE AND MACRON
u022e	Ȭ	O	LATIN CAPITAL LETTER O WITH DOT ABOVE
u022f	ȭ	o	LATIN SMALL LETTER O WITH DOT ABOVE
u0230	Ȯ	O	LATIN CAPITAL LETTER O WITH DOT ABOVE AND MACRON
u0231	ȯ	o	LATIN SMALL LETTER O WITH DOT ABOVE AND MACRON
u0232	Ȱ	Y	LATIN CAPITAL LETTER Y WITH MACRON
u0233	ȱ	y	LATIN SMALL LETTER Y WITH MACRON
u0234	ł	l	LATIN SMALL LETTER L WITH CURL
u0235	ŋ	n	LATIN SMALL LETTER N WITH CURL
u0236	ţ	t	LATIN SMALL LETTER T WITH CURL
u0237	ı	j	LATIN SMALL LETTER DOTLESS J
u0238	ɸ	db	LATIN SMALL LETTER DB DIGRAPH
u0239	ɸ	qp	LATIN SMALL LETTER QP DIGRAPH
u023a	Ȧ	A	LATIN CAPITAL LETTER A WITH STROKE
u023b	ȧ	C	LATIN CAPITAL LETTER C WITH STROKE
u023c	ç	c	LATIN SMALL LETTER C WITH STROKE
u023d	Ł	L	LATIN CAPITAL LETTER L WITH BAR
u023e	Ȧ	T	LATIN CAPITAL LETTER T WITH DIAGONAL STROKE
u023f	Ŧ	s	LATIN SMALL LETTER S WITH SWASH TAIL
u0240	Ʒ	z	LATIN SMALL LETTER Z WITH SWASH TAIL
u0241	ʔ	#	LATIN CAPITAL LETTER GLOTTAL STOP
u0242	ʔ	#	LATIN SMALL LETTER GLOTTAL STOP
u0243	Ɓ	B	LATIN CAPITAL LETTER B WITH STROKE
u0244	Ʊ	U	LATIN CAPITAL LETTER U BAR
u0245	Λ	V	LATIN CAPITAL LETTER TURNED V
u0246	Ǝ	E	LATIN CAPITAL LETTER E WITH STROKE

Unicode Hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)	Description / Information
u0247	ƒ	e	LATIN SMALL LETTER E WITH STROKE
u0248	Ɔ	J	LATIN CAPITAL LETTER J WITH STROKE
u0249	Ɔ	j	LATIN SMALL LETTER J WITH STROKE
u024a	Q	Q	LATIN CAPITAL LETTER SMALL Q WITH HOOK TAIL
u024b	q	q	LATIN SMALL LETTER Q WITH HOOK TAIL
u024c	R	R	LATIN CAPITAL LETTER R WITH STROKE
u024d	ƚ	r	LATIN SMALL LETTER R WITH STROKE
u024e	Ƴ	Y	LATIN CAPITAL LETTER Y WITH STROKE
u024f	ƴ	y	LATIN SMALL LETTER Y WITH STROKE

Unicode hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)	Description / Information
u1e00	À	A	LATIN CAPITAL LETTER A WITH RING BELOW
u1e01	à	a	LATIN SMALL LETTER A WITH RING BELOW
u1e02	Ā	B	LATIN CAPITAL LETTER B WITH DOT ABOVE
u1e03	ā	b	LATIN SMALL LETTER B WITH DOT ABOVE
u1e04	Ɓ	B	LATIN CAPITAL LETTER B WITH DOT BELOW
u1e05	ɓ	b	LATIN SMALL LETTER B WITH DOT BELOW
u1e06	Ɓ̄	B	LATIN CAPITAL LETTER B WITH LINE BELOW
u1e07	ɓ̄	b	LATIN SMALL LETTER B WITH LINE BELOW
u1e08	Ĉ	C	LATIN CAPITAL LETTER C WITH CEDILLA AND ACUTE
u1e09	ĉ	c	LATIN SMALL LETTER C WITH CEDILLA AND ACUTE
u1e0a	Ď	D	LATIN CAPITAL LETTER D WITH DOT ABOVE
u1e0b	ď	d	LATIN SMALL LETTER D WITH DOT ABOVE
u1e0c	Ḑ	D	LATIN CAPITAL LETTER D WITH DOT BELOW
u1e0d	ḑ	d	LATIN SMALL LETTER D WITH DOT BELOW
u1e0e	Ḑ̄	D	LATIN CAPITAL LETTER D WITH LINE BELOW
u1e0f	ḑ̄	d	LATIN SMALL LETTER D WITH LINE BELOW
u1e10	Ḑ̣	D	LATIN CAPITAL LETTER D WITH CEDILLA
u1e11	ḑ̣	d	LATIN SMALL LETTER D WITH CEDILLA
u1e12	Ḑ̂	D	LATIN CAPITAL LETTER D WITH CIRCUMFLEX BELOW
u1e13	ḑ̂	d	LATIN SMALL LETTER D WITH CIRCUMFLEX BELOW
u1e14	È	E	LATIN CAPITAL LETTER E WITH MACRON AND GRAVE
u1e15	è	e	LATIN SMALL LETTER E WITH MACRON AND GRAVE
u1e16	É	E	LATIN CAPITAL LETTER E WITH MACRON AND ACUTE
u1e17	é	e	LATIN SMALL LETTER E WITH MACRON AND ACUTE
u1e18	Ē	E	LATIN CAPITAL LETTER E WITH CIRCUMFLEX BELOW
u1e19	ē	e	LATIN SMALL LETTER E WITH CIRCUMFLEX BELOW
u1e1a	Ĕ	E	LATIN CAPITAL LETTER E WITH TILDE BELOW
u1e1b	ĕ	e	LATIN SMALL LETTER E WITH TILDE BELOW
u1e1c	Ě	E	LATIN CAPITAL LETTER E WITH CEDILLA AND BREVE
u1e1d	ě	e	LATIN SMALL LETTER E WITH CEDILLA AND BREVE
u1e1e	Ƒ	F	LATIN CAPITAL LETTER F WITH DOT ABOVE
u1e1f	ƒ	f	LATIN SMALL LETTER F WITH DOT ABOVE
u1e20	Ĝ	G	LATIN CAPITAL LETTER G WITH MACRON
u1e21	ĝ	g	LATIN SMALL LETTER G WITH MACRON
u1e22	Ĥ	H	LATIN CAPITAL LETTER H WITH DOT ABOVE
u1e23	ĥ	h	LATIN SMALL LETTER H WITH DOT ABOVE
u1e24	Ħ	H	LATIN CAPITAL LETTER H WITH DOT BELOW
u1e25	ħ	h	LATIN SMALL LETTER H WITH DOT BELOW
u1e26	Ĥ̄	H	LATIN CAPITAL LETTER H WITH DIAERESIS
u1e27	ĥ̄	h	LATIN SMALL LETTER H WITH DIAERESIS
u1e28	Ħ̄	H	LATIN CAPITAL LETTER H WITH CEDILLA
u1e29	ħ̄	h	LATIN SMALL LETTER H WITH CEDILLA
u1e2a	Ħ̇	H	LATIN CAPITAL LETTER H WITH BREVE BELOW
u1e2b	ħ̇	h	LATIN SMALL LETTER H WITH BREVE BELOW
u1e2c	İ	I	LATIN CAPITAL LETTER I WITH TILDE BELOW
u1e2d	ı	i	LATIN SMALL LETTER I WITH TILDE BELOW

Unicode hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)	Description / Information
u1e2e	Í	I	LATIN CAPITAL LETTER I WITH DIAERESIS AND ACUTE
u1e2f	í	i	LATIN SMALL LETTER I WITH DIAERESIS AND ACUTE
u1e30	Ķ	K	LATIN CAPITAL LETTER K WITH ACUTE
u1e31	ķ	k	LATIN SMALL LETTER K WITH ACUTE
u1e32	Ɔ	K	LATIN CAPITAL LETTER K WITH DOT BELOW
u1e33	Ʒ	k	LATIN SMALL LETTER K WITH DOT BELOW
u1e34	Ɔ	K	LATIN CAPITAL LETTER K WITH LINE BELOW
u1e35	Ʒ	k	LATIN SMALL LETTER K WITH LINE BELOW
u1e36	Ł	L	LATIN CAPITAL LETTER L WITH DOT BELOW
u1e37	ł	l	LATIN SMALL LETTER L WITH DOT BELOW
u1e38	Ł̄	L	LATIN CAPITAL LETTER L WITH DOT BELOW AND MACRON
u1e39	ł̄	l	LATIN SMALL LETTER L WITH DOT BELOW AND MACRON
u1e3a	Ł̅	L	LATIN CAPITAL LETTER L WITH LINE BELOW
u1e3b	ł̅	l	LATIN SMALL LETTER L WITH LINE BELOW
u1e3c	Ł̆	L	LATIN CAPITAL LETTER L WITH CIRCUMFLEX BELOW
u1e3d	ł̆	l	LATIN SMALL LETTER L WITH CIRCUMFLEX BELOW
u1e3e	Ń	M	LATIN CAPITAL LETTER M WITH ACUTE
u1e3f	ń	m	LATIN SMALL LETTER M WITH ACUTE
u1e40	Ṁ	M	LATIN CAPITAL LETTER M WITH DOT ABOVE
u1e41	ṁ	m	LATIN SMALL LETTER M WITH DOT ABOVE
u1e42	Ṃ	M	LATIN CAPITAL LETTER M WITH DOT BELOW
u1e43	ṃ	m	LATIN SMALL LETTER M WITH DOT BELOW
u1e44	Ṅ	N	LATIN CAPITAL LETTER N WITH DOT ABOVE
u1e45	ṅ	n	LATIN SMALL LETTER N WITH DOT ABOVE
u1e46	Ṇ	N	LATIN CAPITAL LETTER N WITH DOT BELOW
u1e47	ṇ	n	LATIN SMALL LETTER N WITH DOT BELOW
u1e48	Ṋ	N	LATIN CAPITAL LETTER N WITH LINE BELOW
u1e49	ṋ	n	LATIN SMALL LETTER N WITH LINE BELOW
u1e4a	Ṍ	N	LATIN CAPITAL LETTER N WITH CIRCUMFLEX BELOW
u1e4b	ṍ	n	LATIN SMALL LETTER N WITH CIRCUMFLEX BELOW
u1e4c	Ó	O	LATIN CAPITAL LETTER O WITH TILDE AND ACUTE
u1e4d	ó	o	LATIN SMALL LETTER O WITH TILDE AND ACUTE
u1e4e	Ö	O	LATIN CAPITAL LETTER O WITH TILDE AND DIAERESIS
u1e4f	ö	o	LATIN SMALL LETTER O WITH TILDE AND DIAERESIS
u1e50	Ò	O	LATIN CAPITAL LETTER O WITH MACRON AND GRAVE
u1e51	ò	o	LATIN SMALL LETTER O WITH MACRON AND GRAVE
u1e52	Ó	O	LATIN CAPITAL LETTER O WITH MACRON AND ACUTE
u1e53	ó	o	LATIN SMALL LETTER O WITH MACRON AND ACUTE
u1e54	Ć	P	LATIN CAPITAL LETTER P WITH ACUTE
u1e55	ć	p	LATIN SMALL LETTER P WITH ACUTE
u1e56	Ṗ	P	LATIN CAPITAL LETTER P WITH DOT ABOVE
u1e57	ṗ	p	LATIN SMALL LETTER P WITH DOT ABOVE
u1e58	Ŕ	R	LATIN CAPITAL LETTER R WITH DOT ABOVE
u1e59	ŕ	r	LATIN SMALL LETTER R WITH DOT ABOVE
u1e5a	Ṛ	R	LATIN CAPITAL LETTER R WITH DOT BELOW
u1e5b	ṛ	r	LATIN SMALL LETTER R WITH DOT BELOW
u1e5c	Ṙ	R	LATIN CAPITAL LETTER R WITH DOT BELOW AND MACRON
u1e5d	ṙ	r	LATIN SMALL LETTER R WITH DOT BELOW AND MACRON
u1e5e	Ṛ	R	LATIN CAPITAL LETTER R WITH LINE BELOW
u1e5f	ṛ	r	LATIN SMALL LETTER R WITH LINE BELOW
u1e60	Ś	S	LATIN CAPITAL LETTER S WITH DOT ABOVE

Unicode hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)	Description / Information
u1e61	š	s	LATIN SMALL LETTER S WITH DOT ABOVE
u1e62	Ș	S	LATIN CAPITAL LETTER S WITH DOT BELOW
u1e63	ș	s	LATIN SMALL LETTER S WITH DOT BELOW
u1e64	Š	S	LATIN CAPITAL LETTER S WITH ACUTE AND DOT ABOVE
u1e65	š	s	LATIN SMALL LETTER S WITH ACUTE AND DOT ABOVE
u1e66	Ṣ̌	S	LATIN CAPITAL LETTER S WITH CARON AND DOT ABOVE
u1e67	ṣ̌	s	LATIN SMALL LETTER S WITH CARON AND DOT ABOVE
u1e68	Ș̣	S	LATIN CAPITAL LETTER S WITH DOT BELOW AND DOT ABOVE
u1e69	ș̣	s	LATIN SMALL LETTER S WITH DOT BELOW AND DOT ABOVE
u1e6a	Ť	T	LATIN CAPITAL LETTER T WITH DOT ABOVE
u1e6b	t	t	LATIN SMALL LETTER T WITH DOT ABOVE
u1e6c	Ṭ̌	T	LATIN CAPITAL LETTER T WITH DOT BELOW
u1e6d	ṭ	t	LATIN SMALL LETTER T WITH DOT BELOW
u1e6e	Ṭ̌	T	LATIN CAPITAL LETTER T WITH LINE BELOW
u1e6f	ṭ	t	LATIN SMALL LETTER T WITH LINE BELOW
u1e70	Ť̂	T	LATIN CAPITAL LETTER T WITH CIRCUMFLEX BELOW
u1e71	t̂	t	LATIN SMALL LETTER T WITH CIRCUMFLEX BELOW
u1e72	Ů	U	LATIN CAPITAL LETTER U WITH DIAERESIS BELOW
u1e73	ů	u	LATIN SMALL LETTER U WITH DIAERESIS BELOW
u1e74	Ụ̊	U	LATIN CAPITAL LETTER U WITH TILDE BELOW
u1e75	ụ̊	u	LATIN SMALL LETTER U WITH TILDE BELOW
u1e76	Ů̂	U	LATIN CAPITAL LETTER U WITH CIRCUMFLEX BELOW
u1e77	ů̂	u	LATIN SMALL LETTER U WITH CIRCUMFLEX BELOW
u1e78	Ů̇	U	LATIN CAPITAL LETTER U WITH TILDE AND ACUTE
u1e79	ů̇	u	LATIN SMALL LETTER U WITH TILDE AND ACUTE
u1e7a	Ů̈	U	LATIN CAPITAL LETTER U WITH MACRON AND DIAERESIS
u1e7b	ů̈	u	LATIN SMALL LETTER U WITH MACRON AND DIAERESIS
u1e7c	Ů̃	V	LATIN CAPITAL LETTER V WITH TILDE
u1e7d	ů̃	v	LATIN SMALL LETTER V WITH TILDE
u1e7e	Ụ̊	V	LATIN CAPITAL LETTER V WITH DOT BELOW
u1e7f	ụ̊	v	LATIN SMALL LETTER V WITH DOT BELOW
u1e80	Ů̂	W	LATIN CAPITAL LETTER W WITH GRAVE (present in WGL4)
u1e81	ů̂	w	LATIN SMALL LETTER W WITH GRAVE (present in WGL4)
u1e82	Ů̇	W	LATIN CAPITAL LETTER W WITH ACUTE (present in WGL4)
u1e83	ů̇	w	LATIN SMALL LETTER W WITH ACUTE (present in WGL4)
u1e84	Ů̈	W	LATIN CAPITAL LETTER W WITH DIAERESIS (present in WGL4)
u1e85	ů̈	w	LATIN SMALL LETTER W WITH DIAERESIS (present in WGL4)
u1e86	Ụ̊	W	LATIN CAPITAL LETTER W WITH DOT ABOVE
u1e87	ụ̊	w	LATIN SMALL LETTER W WITH DOT ABOVE
u1e88	Ụ̊	W	LATIN CAPITAL LETTER W WITH DOT BELOW
u1e89	ụ̊	w	LATIN SMALL LETTER W WITH DOT BELOW
u1e8a	Ů̇	X	LATIN CAPITAL LETTER X WITH DOT ABOVE
u1e8b	ů̇	x	LATIN SMALL LETTER X WITH DOT ABOVE
u1e8c	Ů̈	X	LATIN CAPITAL LETTER X WITH DIAERESIS
u1e8d	ů̈	x	LATIN SMALL LETTER X WITH DIAERESIS
u1e8e	Ụ̊	Y	LATIN CAPITAL LETTER Y WITH DOT ABOVE
u1e8f	ụ̊	y	LATIN SMALL LETTER Y WITH DOT ABOVE
u1e90	Ů̂	Z	LATIN CAPITAL LETTER Z WITH CIRCUMFLEX
u1e91	ů̂	z	LATIN SMALL LETTER Z WITH CIRCUMFLEX
u1e92	Ụ̊	Z	LATIN CAPITAL LETTER Z WITH DOT BELOW
u1e93	ụ̊	z	LATIN SMALL LETTER Z WITH DOT BELOW

Unicode hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)	Description / Information
u1e94	Ż	Z	LATIN CAPITAL LETTER Z WITH LINE BELOW
u1e95	ż	z	LATIN SMALL LETTER Z WITH LINE BELOW
u1e96	ḣ	h	LATIN SMALL LETTER H WITH LINE BELOW
u1e97	ï	t	LATIN SMALL LETTER T WITH DIAERESIS
u1e98	ŵ	w	LATIN SMALL LETTER W WITH RING ABOVE
u1e99	ÿ	y	LATIN SMALL LETTER Y WITH RING ABOVE
u1e9a	â	a	LATIN SMALL LETTER A WITH RIGHT HALF RING
u1e9b	í	s	LATIN SMALL LETTER LONG S WITH DOT ABOVE
u1e9c	ƒ	s	LATIN SMALL LETTER LONG S WITH DIAGONAL STROKE
u1e9d	ŀ	s	LATIN SMALL LETTER LONG S WITH HIGH STROKE
u1e9e	ß	ss	LATIN CAPITAL LETTER SHARP S
u1e9f	δ	#	LATIN SMALL LETTER DELTA
u1ea0	À	A	LATIN CAPITAL LETTER A WITH DOT BELOW
u1ea1	à	a	LATIN SMALL LETTER A WITH DOT BELOW
u1ea2	Ả	A	LATIN CAPITAL LETTER A WITH HOOK ABOVE
u1ea3	ả	a	LATIN SMALL LETTER A WITH HOOK ABOVE
u1ea4	Ã	A	LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND ACUTE
u1ea5	ã	a	LATIN SMALL LETTER A WITH CIRCUMFLEX AND ACUTE
u1ea6	Ä	A	LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND GRAVE
u1ea7	ä	a	LATIN SMALL LETTER A WITH CIRCUMFLEX AND GRAVE
u1ea8	Å	A	LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND HOOK ABOVE
u1ea9	å	a	LATIN SMALL LETTER A WITH CIRCUMFLEX AND HOOK ABOVE
u1eaa	Ă	A	LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND TILDE
u1eab	ă	a	LATIN SMALL LETTER A WITH CIRCUMFLEX AND TILDE
u1eac	Ȧ	A	LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND DOT BELOW
u1ead	ȧ	a	LATIN SMALL LETTER A WITH CIRCUMFLEX AND DOT BELOW
u1eae	Ǻ	A	LATIN CAPITAL LETTER A WITH BREVE AND ACUTE
u1eaf	ǻ	a	LATIN SMALL LETTER A WITH BREVE AND ACUTE
u1eb0	Ǽ	A	LATIN CAPITAL LETTER A WITH BREVE AND GRAVE
u1eb1	ǽ	a	LATIN SMALL LETTER A WITH BREVE AND GRAVE
u1eb2	Ǽ	A	LATIN CAPITAL LETTER A WITH BREVE AND HOOK ABOVE
u1eb3	ǽ	a	LATIN SMALL LETTER A WITH BREVE AND HOOK ABOVE
u1eb4	Ǻ	A	LATIN CAPITAL LETTER A WITH BREVE AND TILDE
u1eb5	ǻ	a	LATIN SMALL LETTER A WITH BREVE AND TILDE
u1eb6	Ȧ	A	LATIN CAPITAL LETTER A WITH BREVE AND DOT BELOW
u1eb7	ȧ	a	LATIN SMALL LETTER A WITH BREVE AND DOT BELOW
u1eb8	Ē	E	LATIN CAPITAL LETTER E WITH DOT BELOW
u1eb9	ē	e	LATIN SMALL LETTER E WITH DOT BELOW
u1eba	Ĕ	E	LATIN CAPITAL LETTER E WITH HOOK ABOVE
u1ebb	ĕ	e	LATIN SMALL LETTER E WITH HOOK ABOVE
u1ebc	Ě	E	LATIN CAPITAL LETTER E WITH TILDE
u1ebd	ě	e	LATIN SMALL LETTER E WITH TILDE
u1ebe	Ě	E	LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND ACUTE
u1ebf	ě	e	LATIN SMALL LETTER E WITH CIRCUMFLEX AND ACUTE
u1ec0	Ě	E	LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND GRAVE
u1ec1	ě	e	LATIN SMALL LETTER E WITH CIRCUMFLEX AND GRAVE
u1ec2	Ě	E	LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND HOOK ABOVE
u1ec3	ě	e	LATIN SMALL LETTER E WITH CIRCUMFLEX AND HOOK ABOVE
u1ec4	Ě	E	LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND TILDE
u1ec5	ě	e	LATIN SMALL LETTER E WITH CIRCUMFLEX AND TILDE
u1ec6	Ě	E	LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND DOT BELOW

Unicode hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)	Description / Information
u1ec7	ê	e	LATIN SMALL LETTER E WITH CIRCUMFLEX AND DOT BELOW
u1ec8	İ	I	LATIN CAPITAL LETTER I WITH HOOK ABOVE
u1ec9	ı	i	LATIN SMALL LETTER I WITH HOOK ABOVE
u1eca	!̇	l	LATIN CAPITAL LETTER I WITH DOT BELOW
u1ecb	ı̇	i	LATIN SMALL LETTER I WITH DOT BELOW
u1ecc	Ơ	O	LATIN CAPITAL LETTER O WITH DOT BELOW
u1ecd	ơ	o	LATIN SMALL LETTER O WITH DOT BELOW
u1ece	Ỏ	O	LATIN CAPITAL LETTER O WITH HOOK ABOVE
u1ecf	ỏ	o	LATIN SMALL LETTER O WITH HOOK ABOVE
u1ed0	Õ	O	LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND ACUTE
u1ed1	ó	o	LATIN SMALL LETTER O WITH CIRCUMFLEX AND ACUTE
u1ed2	Ô	O	LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND GRAVE
u1ed3	ô	o	LATIN SMALL LETTER O WITH CIRCUMFLEX AND GRAVE
u1ed4	Õ̇	O	LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND HOOK ABOVE
u1ed5	ó̇	o	LATIN SMALL LETTER O WITH CIRCUMFLEX AND HOOK ABOVE
u1ed6	Õ̃	O	LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND TILDE
u1ed7	õ̃	o	LATIN SMALL LETTER O WITH CIRCUMFLEX AND TILDE
u1ed8	Ô̇	O	LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND DOT BELOW
u1ed9	ô̇	o	LATIN SMALL LETTER O WITH CIRCUMFLEX AND DOT BELOW
u1eda	Ó	O	LATIN CAPITAL LETTER O WITH HORN AND ACUTE
u1edb	ó	o	LATIN SMALL LETTER O WITH HORN AND ACUTE
u1edc	Ò	O	LATIN CAPITAL LETTER O WITH HORN AND GRAVE
u1edd	ò	o	LATIN SMALL LETTER O WITH HORN AND GRAVE
u1ede	Ó̇	O	LATIN CAPITAL LETTER O WITH HORN AND HOOK ABOVE
u1edf	ó̇	o	LATIN SMALL LETTER O WITH HORN AND HOOK ABOVE
u1ee0	Õ	O	LATIN CAPITAL LETTER O WITH HORN AND TILDE
u1ee1	õ	o	LATIN SMALL LETTER O WITH HORN AND TILDE
u1ee2	Ơ	O	LATIN CAPITAL LETTER O WITH HORN AND DOT BELOW
u1ee3	ơ	o	LATIN SMALL LETTER O WITH HORN AND DOT BELOW
u1ee4	Ụ	U	LATIN CAPITAL LETTER U WITH DOT BELOW
u1ee5	ụ	u	LATIN SMALL LETTER U WITH DOT BELOW
u1ee6	Û	U	LATIN CAPITAL LETTER U WITH HOOK ABOVE
u1ee7	ủ	u	LATIN SMALL LETTER U WITH HOOK ABOVE
u1ee8	Ú	U	LATIN CAPITAL LETTER U WITH HORN AND ACUTE
u1ee9	ú	u	LATIN SMALL LETTER U WITH HORN AND ACUTE
u1eea	Û̇	U	LATIN CAPITAL LETTER U WITH HORN AND GRAVE
u1eeb	ủ̇	u	LATIN SMALL LETTER U WITH HORN AND GRAVE
u1eec	Û̃	U	LATIN CAPITAL LETTER U WITH HORN AND HOOK ABOVE
u1eed	ủ̃	u	LATIN SMALL LETTER U WITH HORN AND HOOK ABOVE
u1eee	Ũ	U	LATIN CAPITAL LETTER U WITH HORN AND TILDE
u1eef	ũ	u	LATIN SMALL LETTER U WITH HORN AND TILDE
u1ef0	Ụ̇	U	LATIN CAPITAL LETTER U WITH HORN AND DOT BELOW
u1ef1	ụ̇	u	LATIN SMALL LETTER U WITH HORN AND DOT BELOW
u1ef2	Ỳ	Y	LATIN CAPITAL LETTER Y WITH GRAVE (present in WGL4)
u1ef3	ỳ	y	LATIN SMALL LETTER Y WITH GRAVE (present in WGL4)
u1ef4	Ỳ̇	Y	LATIN CAPITAL LETTER Y WITH DOT BELOW
u1ef5	ỳ̇	y	LATIN SMALL LETTER Y WITH DOT BELOW
u1ef6	Ỳ̃	Y	LATIN CAPITAL LETTER Y WITH HOOK ABOVE
u1ef7	ỳ̃	y	LATIN SMALL LETTER Y WITH HOOK ABOVE
u1ef8	Ỳ̄	Y	LATIN CAPITAL LETTER Y WITH TILDE
u1ef9	ỳ̄	y	LATIN SMALL LETTER Y WITH TILDE

Unicode hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)	Description / Information
u1efa	Ų	LL	LATIN CAPITAL LETTER MIDDLE-WELSH LL
u1efb	ų	ll	LATIN SMALL LETTER MIDDLE-WELSH LL
u1efc	Ŵ	V	LATIN CAPITAL LETTER MIDDLE-WELSH V
u1efd	ŵ	v	LATIN SMALL LETTER MIDDLE-WELSH V
u1efe	Ŷ	Y	LATIN CAPITAL LETTER Y WITH LOOP
u1eff	ŷ	y	LATIN SMALL LETTER Y WITH LOOP

Character set	Unicode hex number	European character (Unicode character)	Substituted English character (Substituted ASCII character)
Latin 1	U00E0	à	a
Latin 1	00E1	á	a
Latin 1	00E2	â	a
Latin 1	00E3	ä	a
Latin 1	00E4	è	e
Latin 1	00E5	é	e
Latin 1	00EA	ê	e
Latin 1	00EB	ë	e
Latin 1	00EC	ì	i
Latin 1	00ED	í	i
Latin 1	00EE	î	i
Latin 1	00EF	ï	i
Latin 1	00F2	ò	o
Latin 1	00F3	ó	o
Latin 1	00F4	ô	o
Latin 1	00F6	ö	o
Latin 1	00F9	ù	u
Latin 1	00FB	û	u
Latin Extended A	175	ŵ	w
Latin 1	00FD	ý	y
Latin 1	00FF	ÿ	y
Latin Extended A	0177	ÿ	y
Latin Extended Additional	1EF3	ÿ	y
Latin 1	00C0	À	A
Latin 1	00C1	Á	A
Latin 1	00C2	Â	A
Latin 1	00C4	Ä	A
Latin 1	00C8	È	E
Latin 1	00C9	É	E
Latin 1	00CA	Ê	E
Latin 1	00CB	Ë	E
Latin 1	00CC	Ì	I
Latin 1	00CE	Î	I
Latin 1	00CF	Ï	I
Latin 1	00D2	Ò	O
Latin 1	00D3	Ó	O
Latin 1	00D4	Ô	O
Latin 1	00D6	Ö	O
Latin 1	00D9	Ù	U
Latin 1	00DB	Û	U
Latin 1	00DC	Ü	U
Latin Extended A	0174	Ŵ	W
Latin Extended A	0176	Ŷ	Y
Latin 1	00DD	Ý	Y
Latin Extended A	0178	Ÿ	Y
Latin Extended Additional	1EF2	Ÿ	Y