

FONTS

Monotype

smcn

Roboto Mono Regular

Default --Instance--

Weight

animate Axis

Play

Start

Cancel

400.0

Roboto Mono Italic

Default --Instance--

Weight

animate Axis

Play

Start

Cancel

400.0

▼

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07:45:39

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uni000D

SPACE

EXCLAMATION MARK

QUOTATION MARK

NUMBER SIGN

DOLLAR SIGN

PERCENT SIGN

AMPERSAND

APOSTROPHE

LEFT PARENTHESIS

RIGHT PARENTHESIS

ASTERISK

PLUS SIGN

COMMA

HYPHEN-MINUS

uni0020

uni0021

uni0022

uni0023

uni0024

uni0025

uni0026

uni0027

uni0028

uni0029

uni002A

uni002B

uni002C

uni002D

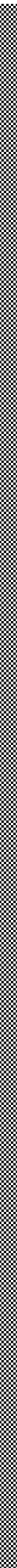
Roboto Mono

Roboto Mono

FULL STOP uni002E	.	.	.
SOLIDUS uni002F	/	/	/
DIGIT ZERO uni0030	0	0	0
DIGIT ONE uni0031	1	1	1
DIGIT TWO uni0032	2	2	2
DIGIT THREE uni0033	3	3	3
DIGIT FOUR uni0034	4	4	4
DIGIT FIVE uni0035	5	5	5
DIGIT SIX uni0036	6	6	6
DIGIT SEVEN uni0037	7	7	7
DIGIT EIGHT uni0038	8	8	8
DIGIT NINE uni0039	9	9	9
COLON uni003A	:	:	:
SEMICOLON uni003B	;	;	;
LESS-THAN SIGN uni003C	<	<	<
EQUALS SIGN uni003D	=	=	=
GREATER-THAN SIGN uni003E	>	>	>
QUESTION MARK uni003F	?	?	?
COMMERCIAL AT uni0040	@	@	@
LATIN CAPITAL LETTER A uni0041	A	A	A
LATIN CAPITAL LETTER B uni0042	B	B	B
LATIN CAPITAL LETTER C uni0043	C	C	C
LATIN CAPITAL LETTER D uni0044	D	D	D
LATIN CAPITAL LETTER E uni0045	E	E	E
LATIN CAPITAL LETTER F uni0046	F	F	F
LATIN CAPITAL LETTER G uni0047	G	G	G
LATIN CAPITAL LETTER H uni0048	H	H	H
LATIN CAPITAL LETTER I uni0049	I	I	I

LATIN CAPITAL LETTER I uni0049	I	I	I
LATIN CAPITAL LETTER J uni004A	J	J	J
LATIN CAPITAL LETTER K uni004B	K	K	K
LATIN CAPITAL LETTER L uni004C	L	L	L
LATIN CAPITAL LETTER M uni004D	M	M	M
LATIN CAPITAL LETTER N uni004E	N	N	N
LATIN CAPITAL LETTER O uni004F	O	O	O
LATIN CAPITAL LETTER P uni0050	P	P	P
LATIN CAPITAL LETTER Q uni0051	Q	Q	Q
LATIN CAPITAL LETTER R uni0052	R	R	R
LATIN CAPITAL LETTER S uni0053	S	S	S
LATIN CAPITAL LETTER T uni0054	T	T	T
LATIN CAPITAL LETTER U uni0055	U	U	U
LATIN CAPITAL LETTER V uni0056	V	V	V
LATIN CAPITAL LETTER W uni0057	W	W	W
LATIN CAPITAL LETTER X uni0058	X	X	X
LATIN CAPITAL LETTER Y uni0059	Y	Y	Y
LATIN CAPITAL LETTER Z uni005A	Z	Z	Z
LEFT SQUARE BRACKET uni005B	[[[
REVERSE SOLIDUS uni005C	\	\	\
RIGHT SQUARE BRACKET uni005D]]]
CIRCUMFLEX ACCENT uni005E	^	^	^
LOW LINE uni005F	—	—	—
GRAVE ACCENT uni0060	`	`	`
LATIN SMALL LETTER A uni0061	a	a	a
LATIN SMALL LETTER B uni0062	b	b	b
LATIN SMALL LETTER C uni0063	c	c	c
LATIN SMALL LETTER D uni0064	d	d	d

uni0064			
LATIN SMALL LETTER E uni0065	e	e	e
LATIN SMALL LETTER F uni0066	f	f	f
LATIN SMALL LETTER G uni0067	g	g	g
LATIN SMALL LETTER H uni0068	h	h	h
LATIN SMALL LETTER I uni0069	i	i	i
LATIN SMALL LETTER J uni006A	j	j	j
LATIN SMALL LETTER K uni006B	k	k	k
LATIN SMALL LETTER L uni006C	l	l	l
LATIN SMALL LETTER M uni006D	m	m	m
LATIN SMALL LETTER N uni006E	n	n	n
LATIN SMALL LETTER O uni006F	o	o	o
LATIN SMALL LETTER P uni0070	p	p	p
LATIN SMALL LETTER Q uni0071	q	q	q
LATIN SMALL LETTER R uni0072	r	r	r
LATIN SMALL LETTER S uni0073	s	s	s
LATIN SMALL LETTER T uni0074	t	t	t
LATIN SMALL LETTER U uni0075	u	u	u
LATIN SMALL LETTER V uni0076	v	v	v
LATIN SMALL LETTER W uni0077	w	w	w
LATIN SMALL LETTER X uni0078	x	x	x
LATIN SMALL LETTER Y uni0079	y	y	y
LATIN SMALL LETTER Z uni007A	z	z	z
LEFT CURLY BRACKET uni007B	{	{	{
VERTICAL LINE uni007C			
RIGHT CURLY BRACKET uni007D	}	}	}
TILDE uni007E	~	~	~
NO-BREAK SPACE uni00A0			



INVERTED EXCLAMATION MARK uni00A1	¡	¡	¡
CENT SIGN uni00A2	¢	¢	¢
POUND SIGN uni00A3	£	£	£
CURRENCY SIGN uni00A4	¤	¤	¤
YEN SIGN uni00A5	¥	¥	¥
BROKEN BAR uni00A6			
SECTION SIGN uni00A7	§	§	§
DIAERESIS uni00A8	¨	¨	¨
COPYRIGHT SIGN uni00A9	©	©	©
FEMININE ORDINAL INDICATOR uni00AA	a	a	a
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	«	«
NOT SIGN uni00AC	¬	¬	¬
SOFT HYPHEN uni00AD			
REGISTERED SIGN uni00AE	®	®	®
MACRON uni00AF	—	—	—
DEGREE SIGN uni00B0	°	°	°
PLUS-MINUS SIGN uni00B1	±	±	±
SUPERSCRIFT TWO uni00B2	²	²	²
SUPERSCRIFT THREE uni00B3	³	³	³
ACUTE ACCENT uni00B4	´	´	´
MICRO SIGN uni00B5	µ	µ	µ
PILCROW SIGN uni00B6	¶	¶	¶
MIDDLE DOT uni00B7	·	·	·
CEDILLA uni00B8	¸	¸	¸
SUPERSCRIFT ONE uni00B9	¹	¹	¹
MASCULINE ORDINAL INDICATOR uni00BA	º	º	º
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	»	»	»

VULGAR FRACTION ONE QUARTER uni00BC	¼	¼	¼
VULGAR FRACTION ONE HALF uni00BD	½	½	½
VULGAR FRACTION THREE QUARTERS uni00BE	¾	¾	¾
INVERTED QUESTION MARK uni00BF	¿	¿	¿
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	À	À	À
LATIN CAPITAL LETTER A WITH ACUTE uni00C1	Á	Á	Á
LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2	Â	Â	Â
LATIN CAPITAL LETTER A WITH TILDE uni00C3	Ã	Ã	Ã
LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4	Ä	Ä	Ä
LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5	Å	Å	Å
LATIN CAPITAL LETTER AE uni00C6	Æ	Æ	Æ
LATIN CAPITAL LETTER C WITH CEDILLA uni00C7	Ç	Ç	Ç
LATIN CAPITAL LETTER E WITH GRAVE uni00C8	È	È	È
LATIN CAPITAL LETTER E WITH ACUTE uni00C9	É	É	É
LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA	Ê	Ê	Ê
LATIN CAPITAL LETTER E WITH DIAERESIS uni00CB	Ë	Ë	Ë
LATIN CAPITAL LETTER I WITH GRAVE uni00CC	Ì	Ì	Ì
LATIN CAPITAL LETTER I WITH ACUTE uni00CD	Í	Í	Í
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ï	Ï	Ï
LATIN CAPITAL LETTER ETH uni00D0	Ð	Ð	Ð
LATIN CAPITAL LETTER N WITH TILDE uni00D1	Ñ	Ñ	Ñ
LATIN CAPITAL LETTER O WITH GRAVE uni00D2	Ò	Ò	Ò
LATIN CAPITAL LETTER O WITH ACUTE uni00D3	Ó	Ó	Ó
LATIN CAPITAL LETTER O WITH CIRCUMFLEX uni00D4	Ô	Ô	Ô
LATIN CAPITAL LETTER O WITH TILDE uni00D5	Õ	Õ	Õ
LATIN CAPITAL LETTER O WITH DIAERESIS uni00D6	Ö	Ö	Ö
MULTIPLICATION SIGN	×	×	×

LATIN CAPITAL LETTER O WITH STROKE uni00D7	Ø	Ø	Ø
LATIN CAPITAL LETTER U WITH GRAVE uni00D9	Ù	Ù	Ù
LATIN CAPITAL LETTER U WITH ACUTE uni00DA	Ú	Ú	Ú
LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB	Û	Û	Û
LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	Ü	Ü
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Ý	Ý	Ý
LATIN CAPITAL LETTER THORN uni00DE	Þ	Þ	Þ
LATIN SMALL LETTER SHARP S uni00DF	ß	ß	ß
LATIN SMALL LETTER A WITH GRAVE uni00E0	à	à	à
LATIN SMALL LETTER A WITH ACUTE uni00E1	á	á	á
LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2	â	â	â
LATIN SMALL LETTER A WITH TILDE uni00E3	ã	ã	ã
LATIN SMALL LETTER A WITH DIAERESIS uni00E4	ä	ä	ä
LATIN SMALL LETTER A WITH RING ABOVE uni00E5	å	å	å
LATIN SMALL LETTER AE uni00E6	æ	æ	æ
LATIN SMALL LETTER C WITH CEDILLA uni00E7	ç	ç	ç
LATIN SMALL LETTER E WITH GRAVE uni00E8	è	è	è
LATIN SMALL LETTER E WITH ACUTE uni00E9	é	é	é
LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA	ê	ê	ê
LATIN SMALL LETTER E WITH DIAERESIS uni00EB	ë	ë	ë
LATIN SMALL LETTER I WITH GRAVE uni00EC	ì	ì	ì
LATIN SMALL LETTER I WITH ACUTE uni00ED	í	í	í
LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	î	î	î
LATIN SMALL LETTER I WITH DIAERESIS uni00EF	ï	ï	ï
LATIN SMALL LETTER ETH uni00F0	ð	ð	ð
LATIN SMALL LETTER N WITH TILDE uni00F1	ñ	ñ	ñ
LATIN SMALL LETTER O WITH GRAVE uni00F2	ò	ò	ò

LATIN SMALL LETTER O WITH ACUTE uni00F3	ó	ó	ó
LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4	ô	ô	ô
LATIN SMALL LETTER O WITH TILDE uni00F5	õ	õ	õ
LATIN SMALL LETTER O WITH DIAERESIS uni00F6	ö	ö	ö
DIVISION SIGN uni00F7	÷	÷	÷
LATIN SMALL LETTER O WITH STROKE uni00F8	ø	ø	ø
LATIN SMALL LETTER U WITH GRAVE uni00F9	ù	ù	ù
LATIN SMALL LETTER U WITH ACUTE uni00FA	ú	ú	ú
LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB	û	û	û
LATIN SMALL LETTER U WITH DIAERESIS uni00FC	ü	ü	ü
LATIN SMALL LETTER Y WITH ACUTE uni00FD	ý	ý	ý
LATIN SMALL LETTER THORN uni00FE	þ	þ	þ
LATIN SMALL LETTER Y WITH DIAERESIS uni00FF	ÿ	ÿ	ÿ
LATIN CAPITAL LETTER A WITH MACRON uni0100	Ā	Ā	Ā
LATIN SMALL LETTER A WITH MACRON uni0101	ā	ā	ā
LATIN CAPITAL LETTER A WITH BREVE uni0102	Ă	Ă	Ă
LATIN SMALL LETTER A WITH BREVE uni0103	ă	ă	ă
LATIN CAPITAL LETTER A WITH OGONEK uni0104	Ą	Ą	Ą
LATIN SMALL LETTER A WITH OGONEK uni0105	ą	ą	ą
LATIN CAPITAL LETTER C WITH ACUTE uni0106	Ć	Ć	Ć
LATIN SMALL LETTER C WITH ACUTE uni0107	ć	ć	ć
LATIN CAPITAL LETTER C WITH CIRCUMFLEX uni0108	Ĉ	Ĉ	Ĉ
LATIN SMALL LETTER C WITH CIRCUMFLEX uni0109	ĉ	ĉ	ĉ
LATIN CAPITAL LETTER C WITH DOT ABOVE uni010A	Č	Č	Č
LATIN SMALL LETTER C WITH DOT ABOVE uni010B	č	č	č
LATIN CAPITAL LETTER C WITH CARON uni010C	Č	Č	Č
LATIN SMALL LETTER C WITH CARON uni010D	č	č	č

LATIN CAPITAL LETTER D WITH CARON uni010E	Ď	Ď	Ď
LATIN SMALL LETTER D WITH CARON uni010F	ď	ď	ď
LATIN CAPITAL LETTER D WITH STROKE uni0110	Ɖ	Ɖ	Ɖ
LATIN SMALL LETTER D WITH STROKE uni0111	ɖ	ɖ	ɖ
LATIN CAPITAL LETTER E WITH MACRON uni0112	Ē	Ē	Ē
LATIN SMALL LETTER E WITH MACRON uni0113	ē	ē	ē
LATIN CAPITAL LETTER E WITH BREVE uni0114	Ė	Ė	Ė
LATIN SMALL LETTER E WITH BREVE uni0115	ė	ė	ė
LATIN CAPITAL LETTER E WITH DOT ABOVE uni0116	Ė	Ė	Ė
LATIN SMALL LETTER E WITH DOT ABOVE uni0117	ė	ė	ė
LATIN CAPITAL LETTER E WITH OGONEK uni0118	Ę	Ę	Ę
LATIN SMALL LETTER E WITH OGONEK uni0119	ę	ę	ę
LATIN CAPITAL LETTER E WITH CARON uni011A	Ě	Ě	Ě
LATIN SMALL LETTER E WITH CARON uni011B	ě	ě	ě
LATIN CAPITAL LETTER G WITH CIRCUMFLEX uni011C	Ĝ	Ĝ	Ĝ
LATIN SMALL LETTER G WITH CIRCUMFLEX uni011D	ĝ	ĝ	ĝ
LATIN CAPITAL LETTER G WITH BREVE uni011E	Ğ	Ğ	Ğ
LATIN SMALL LETTER G WITH BREVE uni011F	ğ	ğ	ğ
LATIN CAPITAL LETTER G WITH DOT ABOVE uni0120	Ġ	Ġ	Ġ
LATIN SMALL LETTER G WITH DOT ABOVE uni0121	ġ	ġ	ġ
LATIN CAPITAL LETTER G WITH CEDILLA uni0122	Ģ	Ģ	Ģ
LATIN SMALL LETTER G WITH CEDILLA uni0123	ģ	ģ	ģ
LATIN CAPITAL LETTER H WITH CIRCUMFLEX uni0124	Ĥ	Ĥ	Ĥ
LATIN SMALL LETTER H WITH CIRCUMFLEX uni0125	ĥ	ĥ	ĥ
LATIN CAPITAL LETTER H WITH STROKE uni0126	Ħ	Ħ	Ħ
LATIN SMALL LETTER H WITH STROKE uni0127	ħ	ħ	ħ
LATIN CAPITAL LETTER I WITH TILDE uni0128	İ	İ	İ
LATIN SMALL LETTER I WITH TILDE	ı	ı	ı



LATIN SMALL LETTER I WITH TILDE uni0129	İ	ı	ı
LATIN CAPITAL LETTER I WITH MACRON uni012A	Ī	ī	ī
LATIN SMALL LETTER I WITH MACRON uni012B	ī	ī	ī
LATIN CAPITAL LETTER I WITH BREVE uni012C	İ	İ	İ
LATIN SMALL LETTER I WITH BREVE uni012D	ı	ı	ı
LATIN CAPITAL LETTER I WITH OGONEK uni012E	Į	į	į
LATIN SMALL LETTER I WITH OGONEK uni012F	į	į	į
LATIN CAPITAL LETTER I WITH DOT ABOVE uni0130	İ	İ	İ
LATIN SMALL LETTER DOTLESS I uni0131	ı	ı	ı
LATIN CAPITAL LIGATURE IJ uni0132	IJ	IJ	IJ
LATIN SMALL LIGATURE IJ uni0133	ij	ij	ij
LATIN CAPITAL LETTER J WITH CIRCUMFLEX uni0134	Ĵ	ĵ	ĵ
LATIN SMALL LETTER J WITH CIRCUMFLEX uni0135	ĵ	ĵ	ĵ
LATIN CAPITAL LETTER K WITH CEDILLA uni0136	Ƙ	ƙ	ƙ
LATIN SMALL LETTER K WITH CEDILLA uni0137	ƙ	ƙ	ƙ
LATIN SMALL LETTER KRA uni0138	Ƙ	Ƙ	Ƙ
LATIN CAPITAL LETTER L WITH ACUTE uni0139	Ĺ	ĺ	ĺ
LATIN SMALL LETTER L WITH ACUTE uni013A	ĺ	ĺ	ĺ
LATIN CAPITAL LETTER L WITH CEDILLA uni013B	ƚ	ƚ	ƚ
LATIN SMALL LETTER L WITH CEDILLA uni013C	ƚ	ƚ	ƚ
LATIN CAPITAL LETTER L WITH CARON uni013D	Ľ	ľ	ľ
LATIN SMALL LETTER L WITH CARON uni013E	ľ	ľ	ľ
LATIN CAPITAL LETTER L WITH MIDDLE DOT uni013F	Ł	ł	ł
LATIN SMALL LETTER L WITH MIDDLE DOT uni0140	ł	ł	ł
LATIN CAPITAL LETTER L WITH STROKE uni0141	Ł	Ł	Ł
LATIN SMALL LETTER L WITH STROKE uni0142	ł	ł	ł
LATIN CAPITAL LETTER N WITH ACUTE uni0143	Ń	ń	ń
LATIN SMALL LETTER N WITH ACUTE uni0144	ń	ń	ń

uni0144	Ṅ	Ṅ	Ṅ
LATIN CAPITAL LETTER N WITH CEDILLA uni0145	Ṇ	Ṇ	Ṇ
LATIN SMALL LETTER N WITH CEDILLA uni0146	ṇ	ṇ	ṇ
LATIN CAPITAL LETTER N WITH CARON uni0147	Ñ	Ñ	Ñ
LATIN SMALL LETTER N WITH CARON uni0148	ñ	ñ	ñ
LATIN SMALL LETTER N PRECEDED BY APOSTROPHE uni0149	’ṇ	’ṇ	’ṇ
LATIN CAPITAL LETTER ENG uni014A	Ɔ	Ɔ	Ɔ
LATIN SMALL LETTER ENG uni014B	ɔ	ɔ	ɔ
LATIN CAPITAL LETTER O WITH MACRON uni014C	Ō	Ō	Ō
LATIN SMALL LETTER O WITH MACRON uni014D	ō	ō	ō
LATIN CAPITAL LETTER O WITH BREVE uni014E	Ö	Ö	Ö
LATIN SMALL LETTER O WITH BREVE uni014F	ö	ö	ö
LATIN CAPITAL LETTER O WITH DOUBLE ACUTE uni0150	Ő	Ő	Ő
LATIN SMALL LETTER O WITH DOUBLE ACUTE uni0151	ő	ő	ő
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	œ	œ
LATIN CAPITAL LETTER R WITH ACUTE uni0154	Ŕ	Ŕ	Ŕ
LATIN SMALL LETTER R WITH ACUTE uni0155	ŕ	ŕ	ŕ
LATIN CAPITAL LETTER R WITH CEDILLA uni0156	Ṛ	Ṛ	Ṛ
LATIN SMALL LETTER R WITH CEDILLA uni0157	ṛ	ṛ	ṛ
LATIN CAPITAL LETTER R WITH CARON uni0158	Ř	Ř	Ř
LATIN SMALL LETTER R WITH CARON uni0159	ř	ř	ř
LATIN CAPITAL LETTER S WITH ACUTE uni015A	Ś	Ś	Ś
LATIN SMALL LETTER S WITH ACUTE uni015B	ś	ś	ś
LATIN CAPITAL LETTER S WITH CIRCUMFLEX uni015C	Ŝ	Ŝ	Ŝ
LATIN SMALL LETTER S WITH CIRCUMFLEX uni015D	ŝ	ŝ	ŝ
LATIN CAPITAL LETTER S WITH CEDILLA uni015E	Ṣ	Ṣ	Ṣ
LATIN SMALL LETTER S WITH CEDILLA uni015F	ṣ	ṣ	ṣ

LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š	Š
LATIN SMALL LETTER S WITH CARON uni0161	š	š	š
LATIN CAPITAL LETTER T WITH CEDILLA uni0162	Ṭ	Ṭ	Ṭ
LATIN SMALL LETTER T WITH CEDILLA uni0163	ṭ	ṭ	ṭ
LATIN CAPITAL LETTER T WITH CARON uni0164	Ț	Ț	Ț
LATIN SMALL LETTER T WITH CARON uni0165	ț	ț	ț
LATIN CAPITAL LETTER T WITH STROKE uni0166	Ƨ	Ƨ	Ƨ
LATIN SMALL LETTER T WITH STROKE uni0167	Ƨ	Ƨ	Ƨ
LATIN CAPITAL LETTER U WITH TILDE uni0168	Ũ	Ũ	Ũ
LATIN SMALL LETTER U WITH TILDE uni0169	ũ	ũ	ũ
LATIN CAPITAL LETTER U WITH MACRON uni016A	Ū	Ū	Ū
LATIN SMALL LETTER U WITH MACRON uni016B	ū	ū	ū
LATIN CAPITAL LETTER U WITH BREVE uni016C	Ů	Ů	Ů
LATIN SMALL LETTER U WITH BREVE uni016D	ů	ů	ů
LATIN CAPITAL LETTER U WITH RING ABOVE uni016E	Ů	Ů	Ů
LATIN SMALL LETTER U WITH RING ABOVE uni016F	ů	ů	ů
LATIN CAPITAL LETTER U WITH DOUBLE ACUTE uni0170	Ű	Ű	Ű
LATIN SMALL LETTER U WITH DOUBLE ACUTE uni0171	ű	ű	ű
LATIN CAPITAL LETTER U WITH OGONEK uni0172	Ų	Ų	Ų
LATIN SMALL LETTER U WITH OGONEK uni0173	ų	ų	ų
LATIN CAPITAL LETTER W WITH CIRCUMFLEX uni0174	Ŵ	Ŵ	Ŵ
LATIN SMALL LETTER W WITH CIRCUMFLEX uni0175	ŵ	ŵ	ŵ
LATIN CAPITAL LETTER Y WITH CIRCUMFLEX uni0176	Ŷ	Ŷ	Ŷ
LATIN SMALL LETTER Y WITH CIRCUMFLEX uni0177	ŷ	ŷ	ŷ
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	ÿ	ÿ	ÿ
LATIN CAPITAL LETTER Z WITH ACUTE uni0179	Ż	Ż	Ż
LATIN SMALL LETTER Z WITH ACUTE uni017A	ż	ż	ż



LATIN CAPITAL LETTER Z WITH DOT ABOVE uni017B	Ẑ	Ẑ	Ẑ
LATIN SMALL LETTER Z WITH DOT ABOVE uni017C	ẑ	ẑ	ẑ
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	ž	ž
LATIN SMALL LETTER LONG S uni017F	ſ	ſ	ſ
LATIN SMALL LETTER F WITH HOOK uni0192	f	f	f
LATIN CAPITAL LETTER O WITH HORN uni01A0	Ɔ	Ɔ	Ɔ
LATIN SMALL LETTER O WITH HORN uni01A1	ɔ	ɔ	ɔ
LATIN CAPITAL LETTER U WITH HORN uni01AF	Ʊ	Ʊ	Ʊ
LATIN SMALL LETTER U WITH HORN uni01B0	ɯ	ɯ	ɯ
LATIN SMALL LETTER J WITH CARON uni01F0	Ĵ	Ĵ	Ĵ
LATIN CAPITAL LETTER A WITH RING ABOVE AND ACUTE uni01FA	Ǻ	Ǻ	Ǻ
LATIN SMALL LETTER A WITH RING ABOVE AND ACUTE uni01FB	ǻ	ǻ	ǻ
LATIN CAPITAL LETTER AE WITH ACUTE uni01FC	Æ	Æ	Æ
LATIN SMALL LETTER AE WITH ACUTE uni01FD	æ	æ	æ
LATIN CAPITAL LETTER O WITH STROKE AND ACUTE uni01FE	Ø	Ø	Ø
LATIN SMALL LETTER O WITH STROKE AND ACUTE uni01FF	ø	ø	ø
LATIN CAPITAL LETTER S WITH COMMA BELOW uni0218	Ŧ	Ŧ	Ŧ
LATIN SMALL LETTER S WITH COMMA BELOW uni0219	ŧ	ŧ	ŧ
LATIN CAPITAL LETTER T WITH COMMA BELOW uni021A	Ƨ	Ƨ	Ƨ
LATIN SMALL LETTER T WITH COMMA BELOW uni021B	Ƨ	Ƨ	Ƨ
LATIN SMALL LETTER DOTLESS J uni0237	ɷ	ɷ	ɷ
LATIN SMALL LETTER SCHWA uni0259	ə	ə	ə
MODIFIER LETTER APOSTROPHE uni02BC	’	’	’
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	ˆ	ˆ	ˆ
CARON uni02C7	ˇ	ˇ	ˇ
MODIFIER LETTER MACRON uni02C9	ˉ	ˉ	ˉ

BREVE uni02D8	◌̣	◌̣	◌̣
DOT ABOVE uni02D9	◌̥	◌̥	◌̥
RING ABOVE uni02DA	◌̦	◌̦	◌̦
OGONEK uni02DB	◌̧	◌̧	◌̧
SMALL TILDE uni02DC	◌̨	◌̨	◌̨
DOUBLE ACUTE ACCENT uni02DD	◌̩	◌̩	◌̩
MODIFIER LETTER LOW RING uni02F3	◌̬	◌̬	◌̬
COMBINING GRAVE ACCENT uni0300	◌̀	◌̀	◌̀
COMBINING ACUTE ACCENT uni0301	◌́	◌́	◌́
COMBINING TILDE uni0303	◌̃	◌̃	◌̃
COMBINING HOOK ABOVE uni0309	◌̯	◌̯	◌̯
COMBINING DOUBLE GRAVE ACCENT uni030F	◌͂	◌͂	◌͂
COMBINING DOT BELOW uni0323	◌̣	◌̣	◌̣
GREEK TONOS uni0384	◌́	◌́	◌́
GREEK DIALYTIKA TONOS uni0385	◌͂́	◌͂́	◌͂́
GREEK CAPITAL LETTER ALPHA WITH TONOS uni0386	Ἀ	Ἀ	Ἀ
GREEK ANO TELEIA uni0387	·	·	·
GREEK CAPITAL LETTER EPSILON WITH TONOS uni0388	Ἐ	Ἐ	Ἐ
GREEK CAPITAL LETTER ETA WITH TONOS uni0389	Ἠ	Ἠ	Ἠ
GREEK CAPITAL LETTER IOTA WITH TONOS uni038A	Ἰ	Ἰ	Ἰ
GREEK CAPITAL LETTER OMICRON WITH TONOS uni038C	Ὀ	Ὀ	Ὀ
GREEK CAPITAL LETTER UPSILON WITH TONOS uni038E	Ῐ	Ῐ	Ῐ
GREEK CAPITAL LETTER OMEGA WITH TONOS uni038F	Ὠ	Ὠ	Ὠ
GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS uni0390	Ὶ	Ὶ	Ὶ
GREEK CAPITAL LETTER ALPHA uni0391	Α	Α	Α
GREEK CAPITAL LETTER BETA uni0392	Β	Β	Β
GREEK CAPITAL LETTER GAMMA uni0393	Γ	Γ	Γ

GREEK CAPITAL LETTER DELTA uni0394	Δ	Δ	Δ
GREEK CAPITAL LETTER EPSILON uni0395	Ε	Ε	Ε
GREEK CAPITAL LETTER ZETA uni0396	Ζ	Ζ	Ζ
GREEK CAPITAL LETTER ETA uni0397	Η	Η	Η
GREEK CAPITAL LETTER THETA uni0398	Θ	Θ	Θ
GREEK CAPITAL LETTER IOTA uni0399	Ι	Ι	Ι
GREEK CAPITAL LETTER KAPPA uni039A	Κ	Κ	Κ
GREEK CAPITAL LETTER LAMDA uni039B	Λ	Λ	Λ
GREEK CAPITAL LETTER MU uni039C	Μ	Μ	Μ
GREEK CAPITAL LETTER NU uni039D	Ν	Ν	Ν
GREEK CAPITAL LETTER XI uni039E	Ξ	Ξ	Ξ
GREEK CAPITAL LETTER OMICRON uni039F	Ο	Ο	Ο
GREEK CAPITAL LETTER PI uni03A0	Π	Π	Π
GREEK CAPITAL LETTER RHO uni03A1	Ρ	Ρ	Ρ
GREEK CAPITAL LETTER SIGMA uni03A3	Σ	Σ	Σ
GREEK CAPITAL LETTER TAU uni03A4	Τ	Τ	Τ
GREEK CAPITAL LETTER UPSILON uni03A5	Υ	Υ	Υ
GREEK CAPITAL LETTER PHI uni03A6	Φ	Φ	Φ
GREEK CAPITAL LETTER CHI uni03A7	Χ	Χ	Χ
GREEK CAPITAL LETTER PSI uni03A8	Ψ	Ψ	Ψ
GREEK CAPITAL LETTER OMEGA uni03A9	Ω	Ω	Ω
GREEK CAPITAL LETTER IOTA WITH DIALYTIKA uni03AA	Ϊ	Ϊ	Ϊ
GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA uni03AB	Ϋ	Ϋ	Ϋ
GREEK SMALL LETTER ALPHA WITH TONOS uni03AC	Ά	Ά	Ά
GREEK SMALL LETTER EPSILON WITH TONOS uni03AD	Έ	Έ	Έ
GREEK SMALL LETTER ETA WITH TONOS uni03AE	Ή	Ή	Ή
GREEK SMALL LETTER IOTA WITH TONOS uni03AF	Ί	Ί	Ί
GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND	Ϝ	Ϝ	Ϝ

GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND
TONOS
uni03B0

GREEK SMALL LETTER ALPHA
uni03B1

GREEK SMALL LETTER BETA
uni03B2

GREEK SMALL LETTER GAMMA
uni03B3

GREEK SMALL LETTER DELTA
uni03B4

GREEK SMALL LETTER EPSILON
uni03B5

GREEK SMALL LETTER ZETA
uni03B6

GREEK SMALL LETTER ETA
uni03B7

GREEK SMALL LETTER THETA
uni03B8

GREEK SMALL LETTER IOTA
uni03B9

GREEK SMALL LETTER KAPPA
uni03BA

GREEK SMALL LETTER LAMDA
uni03BB

GREEK SMALL LETTER MU
uni03BC

GREEK SMALL LETTER NU
uni03BD

GREEK SMALL LETTER XI
uni03BE

GREEK SMALL LETTER OMICRON
uni03BF

GREEK SMALL LETTER PI
uni03C0

GREEK SMALL LETTER RHO
uni03C1

GREEK SMALL LETTER FINAL SIGMA
uni03C2

GREEK SMALL LETTER SIGMA
uni03C3

GREEK SMALL LETTER TAU
uni03C4

GREEK SMALL LETTER UPSILON
uni03C5

GREEK SMALL LETTER PHI
uni03C6

GREEK SMALL LETTER CHI
uni03C7

GREEK SMALL LETTER PSI
uni03C8

GREEK SMALL LETTER OMEGA
uni03C9

GREEK SMALL LETTER IOTA WITH DIALYTIKA
uni03CA

GREEK SMALL LETTER UPSILON WITH DIALYTIKA

υ	υ	υ
α	α	α
β	β	β
γ	γ	γ
δ	δ	δ
ε	ε	ε
ζ	ζ	ζ
η	η	η
θ	θ	θ
ι	ι	ι
κ	κ	κ
λ	λ	λ
μ	μ	μ
ν	ν	ν
ξ	ξ	ξ
ο	ο	ο
π	π	π
ρ	ρ	ρ
ς	ς	ς
σ	σ	σ
τ	τ	τ
υ	υ	υ
φ	φ	φ
χ	χ	χ
ψ	ψ	ψ
ω	ω	ω
ϊ	ϊ	ϊ
ϋ	ϋ	ϋ



GREEK SMALL LETTER UPSILON WITH DIALYTIKA uni03CB	Ϸ	Ϸ	Ϸ
GREEK SMALL LETTER OMICRON WITH TONOS uni03CC	ó	ó	ó
GREEK SMALL LETTER UPSILON WITH TONOS uni03CD	ú	ú	ú
GREEK SMALL LETTER OMEGA WITH TONOS uni03CE	ώ	ώ	ώ
GREEK THETA SYMBOL uni03D1	ϑ	ϑ	ϑ
GREEK UPSILON WITH HOOK SYMBOL uni03D2	Υ	Υ	Υ
GREEK PI SYMBOL uni03D6	ϰ	ϰ	ϰ
CYRILLIC CAPITAL LETTER IE WITH GRAVE uni0400	È	È	È
CYRILLIC CAPITAL LETTER IO uni0401	Ë	Ë	Ë
CYRILLIC CAPITAL LETTER DJE uni0402	Ђ	Ђ	Ђ
CYRILLIC CAPITAL LETTER GJE uni0403	Ѓ	Ѓ	Ѓ
CYRILLIC CAPITAL LETTER UKRAINIAN IE uni0404	Є	Є	Є
CYRILLIC CAPITAL LETTER DZE uni0405	Ѕ	Ѕ	Ѕ
CYRILLIC CAPITAL LETTER BYELORUSSIAN-UKRAINIAN I uni0406	І	І	І
CYRILLIC CAPITAL LETTER YI uni0407	Ї	Ї	Ї
CYRILLIC CAPITAL LETTER JE uni0408	Ј	Ј	Ј
CYRILLIC CAPITAL LETTER LJE uni0409	Љ	Љ	Љ
CYRILLIC CAPITAL LETTER NJE uni040A	Њ	Њ	Њ
CYRILLIC CAPITAL LETTER TSHE uni040B	Ѧ	Ѧ	Ѧ
CYRILLIC CAPITAL LETTER KJE uni040C	Ќ	Ќ	Ќ
CYRILLIC CAPITAL LETTER I WITH GRAVE uni040D	Й	Й	Й
CYRILLIC CAPITAL LETTER SHORT U uni040E	Ў	Ў	Ў
CYRILLIC CAPITAL LETTER DZHE uni040F	Џ	Џ	Џ
CYRILLIC CAPITAL LETTER A uni0410	А	А	А
CYRILLIC CAPITAL LETTER BE uni0411	Б	Б	Б
CYRILLIC CAPITAL LETTER VE uni0412	В	В	В
CYRILLIC CAPITAL LETTER GHE uni0413	Г	Г	Г
CYRILLIC CAPITAL LETTER DE uni0414	Д	Д	Д

	uni0414	Г	Г	Г
CYRILLIC CAPITAL LETTER IE	uni0415	Е	Е	Е
CYRILLIC CAPITAL LETTER ZHE	uni0416	Ж	Ж	Ж
CYRILLIC CAPITAL LETTER ZE	uni0417	З	З	З
CYRILLIC CAPITAL LETTER I	uni0418	И	И	И
CYRILLIC CAPITAL LETTER SHORT I	uni0419	Й	Й	Й
CYRILLIC CAPITAL LETTER KA	uni041A	К	К	К
CYRILLIC CAPITAL LETTER EL	uni041B	Л	Л	Л
CYRILLIC CAPITAL LETTER EM	uni041C	М	М	М
CYRILLIC CAPITAL LETTER EN	uni041D	Н	Н	Н
CYRILLIC CAPITAL LETTER O	uni041E	О	О	О
CYRILLIC CAPITAL LETTER PE	uni041F	П	П	П
CYRILLIC CAPITAL LETTER ER	uni0420	Р	Р	Р
CYRILLIC CAPITAL LETTER ES	uni0421	С	С	С
CYRILLIC CAPITAL LETTER TE	uni0422	Т	Т	Т
CYRILLIC CAPITAL LETTER U	uni0423	У	У	У
CYRILLIC CAPITAL LETTER EF	uni0424	Ф	Ф	Ф
CYRILLIC CAPITAL LETTER HA	uni0425	Х	Х	Х
CYRILLIC CAPITAL LETTER TSE	uni0426	Ц	Ц	Ц
CYRILLIC CAPITAL LETTER CHE	uni0427	Ч	Ч	Ч
CYRILLIC CAPITAL LETTER SHA	uni0428	Ш	Ш	Ш
CYRILLIC CAPITAL LETTER SHCHA	uni0429	Щ	Щ	Щ
CYRILLIC CAPITAL LETTER HARD SIGN	uni042A	Ъ	Ъ	Ъ
CYRILLIC CAPITAL LETTER YERU	uni042B	Ы	Ы	Ы
CYRILLIC CAPITAL LETTER SOFT SIGN	uni042C	Ь	Ь	Ь
CYRILLIC CAPITAL LETTER E	uni042D	Э	Э	Э
CYRILLIC CAPITAL LETTER YU	uni042E	Ю	Ю	Ю
CYRILLIC CAPITAL LETTER YA	uni042F	Я	Я	Я

CYRILLIC SMALL LETTER A uni0430	а	а	а
CYRILLIC SMALL LETTER BE uni0431	б	б	б
CYRILLIC SMALL LETTER VE uni0432	в	в	в
CYRILLIC SMALL LETTER GHE uni0433	г	г	г
CYRILLIC SMALL LETTER DE uni0434	д	д	д
CYRILLIC SMALL LETTER IE uni0435	е	е	е
CYRILLIC SMALL LETTER ZHE uni0436	ж	ж	ж
CYRILLIC SMALL LETTER ZE uni0437	з	з	з
CYRILLIC SMALL LETTER I uni0438	и	и	и
CYRILLIC SMALL LETTER SHORT I uni0439	й	й	й
CYRILLIC SMALL LETTER KA uni043A	к	к	к
CYRILLIC SMALL LETTER EL uni043B	л	л	л
CYRILLIC SMALL LETTER EM uni043C	м	м	м
CYRILLIC SMALL LETTER EN uni043D	н	н	н
CYRILLIC SMALL LETTER O uni043E	о	о	о
CYRILLIC SMALL LETTER PE uni043F	п	п	п
CYRILLIC SMALL LETTER ER uni0440	р	р	р
CYRILLIC SMALL LETTER ES uni0441	с	с	с
CYRILLIC SMALL LETTER TE uni0442	т	т	т
CYRILLIC SMALL LETTER U uni0443	у	у	у
CYRILLIC SMALL LETTER EF uni0444	ф	ф	ф
CYRILLIC SMALL LETTER HA uni0445	х	х	х
CYRILLIC SMALL LETTER TSE uni0446	ц	ц	ц
CYRILLIC SMALL LETTER CHE uni0447	ч	ч	ч
CYRILLIC SMALL LETTER SHA uni0448	ш	ш	ш
CYRILLIC SMALL LETTER SHCHA uni0449	щ	щ	щ
CYRILLIC SMALL LETTER HARD SIGN uni044A	ъ	ъ	ъ



CYRILLIC SMALL LETTER YERU uni044B	Ѡ	ѡ	Ѣ
CYRILLIC SMALL LETTER SOFT SIGN uni044C	Ѥ	ѥ	Ѧ
CYRILLIC SMALL LETTER E uni044D	Ѩ	ѩ	Ѫ
CYRILLIC SMALL LETTER YU uni044E	Ѭ	ѭ	Ѯ
CYRILLIC SMALL LETTER YA uni044F	Ѱ	ѱ	Ѳ
CYRILLIC SMALL LETTER IE WITH GRAVE uni0450	Ѵ	ѵ	Ѷ
CYRILLIC SMALL LETTER IO uni0451	Ѹ	ѹ	Ѻ
CYRILLIC SMALL LETTER DJE uni0452	Ѽ	ѽ	Ѿ
CYRILLIC SMALL LETTER GJE uni0453	Ѽ	ѽ	Ѿ
CYRILLIC SMALL LETTER UKRAINIAN IE uni0454	Є	ё	ё
CYRILLIC SMALL LETTER DZE uni0455	Ѻ	ѻ	Ѽ
CYRILLIC SMALL LETTER BYELORUSSIAN-UKRAINIAN I uni0456	і	і	і
CYRILLIC SMALL LETTER YI uni0457	ї	ї	ї
CYRILLIC SMALL LETTER JE uni0458	ј	ј	ј
CYRILLIC SMALL LETTER LJE uni0459	љ	љ	љ
CYRILLIC SMALL LETTER NJE uni045A	њ	њ	њ
CYRILLIC SMALL LETTER TSHE uni045B	ћ	ћ	ћ
CYRILLIC SMALL LETTER KJE uni045C	ќ	ќ	ќ
CYRILLIC SMALL LETTER I WITH GRAVE uni045D	Ѽ	ѽ	Ѿ
CYRILLIC SMALL LETTER SHORT U uni045E	Ѽ	ѽ	Ѿ
CYRILLIC SMALL LETTER DZHE uni045F	Ѽ	ѽ	Ѿ
CYRILLIC CAPITAL LETTER OMEGA uni0460	Ѡ	ѡ	Ѣ
CYRILLIC SMALL LETTER OMEGA uni0461	Ѽ	ѽ	Ѿ
CYRILLIC CAPITAL LETTER YAT uni0462	Ѱ	ѱ	Ѳ
CYRILLIC SMALL LETTER YAT uni0463	Ѱ	ѱ	Ѳ
CYRILLIC CAPITAL LETTER IOTIFIED E uni0464	Ѥ	ѥ	Ѧ
CYRILLIC SMALL LETTER IOTIFIED E uni0465	Ѥ	ѥ	Ѧ
CYRILLIC CAPITAL LETTER LITTLE YUS	Ѧ	ѧ	Ѩ

	uni0466			
CYRILLIC SMALL LETTER LITTLE YUS	uni0467			
CYRILLIC CAPITAL LETTER IOTIFIED LITTLE YUS	uni0468			
CYRILLIC SMALL LETTER IOTIFIED LITTLE YUS	uni0469			
CYRILLIC CAPITAL LETTER BIG YUS	uni046A			
CYRILLIC SMALL LETTER BIG YUS	uni046B			
CYRILLIC CAPITAL LETTER IOTIFIED BIG YUS	uni046C			
CYRILLIC SMALL LETTER IOTIFIED BIG YUS	uni046D			
CYRILLIC CAPITAL LETTER KSI	uni046E			
CYRILLIC SMALL LETTER KSI	uni046F			
CYRILLIC CAPITAL LETTER PSI	uni0470			
CYRILLIC SMALL LETTER PSI	uni0471			
CYRILLIC CAPITAL LETTER FITA	uni0472			
CYRILLIC SMALL LETTER FITA	uni0473			
CYRILLIC CAPITAL LETTER IZHITSA	uni0474			
CYRILLIC SMALL LETTER IZHITSA	uni0475			
CYRILLIC CAPITAL LETTER IZHITSA WITH DOUBLE GRAVE ACCENT	uni0476			
CYRILLIC SMALL LETTER IZHITSA WITH DOUBLE GRAVE ACCENT	uni0477			
CYRILLIC CAPITAL LETTER UK	uni0478			
CYRILLIC SMALL LETTER UK	uni0479			
CYRILLIC CAPITAL LETTER ROUND OMEGA	uni047A			
CYRILLIC SMALL LETTER ROUND OMEGA	uni047B			
CYRILLIC CAPITAL LETTER OMEGA WITH TITLO	uni047C			
CYRILLIC SMALL LETTER OMEGA WITH TITLO	uni047D			
CYRILLIC CAPITAL LETTER OT	uni047E			
CYRILLIC SMALL LETTER OT	uni047F			
CYRILLIC CAPITAL LETTER KOPPA	uni0480			

CYRILLIC SMALL LETTER KOPPA uni0481	Ҁ	ҁ	҂
CYRILLIC THOUSANDS SIGN uni0482	҃	҄	҅
COMBINING CYRILLIC TITLO uni0483	҆	҇	҈
COMBINING CYRILLIC PALATALIZATION uni0484	҉	Ҋ	ҋ
COMBINING CYRILLIC DASIA PNEUMATA uni0485	Ҍ	ҍ	Ҏ
COMBINING CYRILLIC PSILI PNEUMATA uni0486	ҏ	ҙ	Қ
COMBINING CYRILLIC HUNDRED THOUSANDS SIGN uni0488	Ҝ	ҝ	Ҟ
COMBINING CYRILLIC MILLIONS SIGN uni0489	ҟ	Ҡ	ҡ
CYRILLIC CAPITAL LETTER SHORT I WITH TAIL uni048A	Ӏ	Ӂ	ӂ
CYRILLIC SMALL LETTER SHORT I WITH TAIL uni048B	Ӄ	ӄ	Ӆ
CYRILLIC CAPITAL LETTER SEMISOFT SIGN uni048C	ӆ	Ӈ	ӈ
CYRILLIC SMALL LETTER SEMISOFT SIGN uni048D	Ӊ	ӊ	Ӌ
CYRILLIC CAPITAL LETTER ER WITH TICK uni048E	ӌ	Ӎ	ӎ
CYRILLIC SMALL LETTER ER WITH TICK uni048F	ӏ	Ӑ	ӑ
CYRILLIC CAPITAL LETTER GHE WITH UPTURN uni0490	Ӓ	ӓ	Ӕ
CYRILLIC SMALL LETTER GHE WITH UPTURN uni0491	ӕ	Ӗ	ӗ
CYRILLIC CAPITAL LETTER GHE WITH STROKE uni0492	ә	Ӛ	ӛ
CYRILLIC SMALL LETTER GHE WITH STROKE uni0493	Ӝ	ӝ	Ӟ
CYRILLIC CAPITAL LETTER GHE WITH MIDDLE HOOK uni0494	Ӡ	ӡ	Ӣ
CYRILLIC SMALL LETTER GHE WITH MIDDLE HOOK uni0495	ӣ	Ӥ	ӥ
CYRILLIC CAPITAL LETTER ZHE WITH DESCENDER uni0496	Ӧ	ӧ	Ӑ
CYRILLIC SMALL LETTER ZHE WITH DESCENDER uni0497	ӑ	Ӓ	ӓ
CYRILLIC CAPITAL LETTER ZE WITH DESCENDER uni0498	ӕ	Ӗ	ӗ
CYRILLIC SMALL LETTER ZE WITH DESCENDER uni0499	ә	Ӛ	ӛ
CYRILLIC CAPITAL LETTER KA WITH DESCENDER uni049A	ӝ	Ӟ	ӟ
CYRILLIC SMALL LETTER KA WITH DESCENDER uni049B	Ӡ	ӡ	Ӣ
CYRILLIC CAPITAL LETTER KA WITH VERTICAL STROKE uni049C	Ӥ	ӥ	Ӧ
CYRILLIC SMALL LETTER KA WITH VERTICAL STROKE	ӧ	Ӑ	ӑ

CYRILLIC SMALL LETTER KA WITH VERTICAL STROKE
uni049D

CYRILLIC CAPITAL LETTER KA WITH STROKE
uni049E

CYRILLIC SMALL LETTER KA WITH STROKE
uni049F

CYRILLIC CAPITAL LETTER BASHKIR KA
uni04A0

CYRILLIC SMALL LETTER BASHKIR KA
uni04A1

CYRILLIC CAPITAL LETTER EN WITH DESCENDER
uni04A2

CYRILLIC SMALL LETTER EN WITH DESCENDER
uni04A3

CYRILLIC CAPITAL LIGATURE EN GHE
uni04A4

CYRILLIC SMALL LIGATURE EN GHE
uni04A5

CYRILLIC CAPITAL LETTER PE WITH MIDDLE HOOK
uni04A6

CYRILLIC SMALL LETTER PE WITH MIDDLE HOOK
uni04A7

CYRILLIC CAPITAL LETTER ABKHASIAN HA
uni04A8

CYRILLIC SMALL LETTER ABKHASIAN HA
uni04A9

CYRILLIC CAPITAL LETTER ES WITH DESCENDER
uni04AA

CYRILLIC SMALL LETTER ES WITH DESCENDER
uni04AB

CYRILLIC CAPITAL LETTER TE WITH DESCENDER
uni04AC

CYRILLIC SMALL LETTER TE WITH DESCENDER
uni04AD

CYRILLIC CAPITAL LETTER STRAIGHT U
uni04AE

CYRILLIC SMALL LETTER STRAIGHT U
uni04AF

CYRILLIC CAPITAL LETTER STRAIGHT U WITH STROKE
uni04B0

CYRILLIC SMALL LETTER STRAIGHT U WITH STROKE
uni04B1

CYRILLIC CAPITAL LETTER HA WITH DESCENDER
uni04B2

CYRILLIC SMALL LETTER HA WITH DESCENDER
uni04B3

CYRILLIC CAPITAL LIGATURE TE TSE
uni04B4

CYRILLIC SMALL LIGATURE TE TSE
uni04B5

CYRILLIC CAPITAL LETTER CHE WITH DESCENDER
uni04B6

CYRILLIC SMALL LETTER CHE WITH DESCENDER
uni04B7

CYRILLIC CAPITAL LETTER CHE WITH VERTICAL
STROKE

Ɑ	Ɱ	Ɐ
Ɒ	ⱱ	Ⱳ
ⱳ	ⱴ	Ⱶ
ⱶ	ⱷ	ⱸ
ⱹ	ⱺ	ⱻ
ⱼ	ⱽ	Ȿ
Ɀ	Ⲁ	ⲁ
Ⲃ	ⲃ	Ⲅ
ⲅ	Ⲇ	ⲇ
Ⲉ	ⲉ	Ⲋ
ⲋ	Ⲍ	ⲍ
Ⲏ	ⲏ	Ⲑ
ⲑ	Ⲓ	ⲓ
Ⲕ	ⲕ	Ⲗ
ⲗ	Ⲙ	ⲙ
Ⲛ	ⲛ	Ⲝ
ⲝ	Ⲟ	ⲟ
ⲡ	Ⲣ	ⲣ
Ⲥ	ⲥ	Ⲧ
ⲧ	Ⲩ	ⲩ
Ⲫ	ⲫ	Ⲭ
ⲭ	Ⲯ	ⲯ
Ⲱ	ⲱ	Ⲳ
ⲳ	Ⲵ	ⲵ
Ⲷ	ⲷ	Ⲹ
ⲹ	Ⲻ	ⲻ
Ⲽ	ⲽ	Ⲿ
ⲿ	Ⳁ	ⳁ
Ⳃ	ⳃ	Ⳅ
ⳅ	Ⳇ	ⳇ
Ⳉ	ⳉ	Ⳋ
ⳋ	Ⳍ	ⳍ
Ⳏ	ⳏ	Ⳑ
ⳑ	Ⳓ	ⳓ
Ⳕ	ⳕ	Ⳗ
ⳗ	Ⳙ	ⳙ
Ⳛ	ⳛ	Ⳝ
ⳝ	Ⳟ	ⳟ
Ⳡ	ⳡ	Ⳣ
ⳣ	ⳤ	⳥
⳦	⳧	⳨
⳩	⳪	Ⳬ
ⳬ	Ⳮ	ⳮ
⳯	⳰	⳱
Ⳳ	ⳳ	⳴
⳵	⳶	⳷
⳸	⳹	⳺
⳻	⳼	⳽
⳾	⳿	ⴀ

	STROKE		
	uni04B8		
CYRILLIC SMALL LETTER CHE WITH VERTICAL STROKE			
uni04B9	Ч	Ч	Ч
CYRILLIC CAPITAL LETTER SHHA	Һ	Һ	Һ
uni04BA			
CYRILLIC SMALL LETTER SHHA	һ	һ	һ
uni04BB			
CYRILLIC CAPITAL LETTER ABKHASIAN CHE	Ӈ	Ӈ	Ӈ
uni04BC			
CYRILLIC SMALL LETTER ABKHASIAN CHE	Ӈ	Ӈ	Ӈ
uni04BD			
CYRILLIC CAPITAL LETTER ABKHASIAN CHE WITH DESCENDER	Ӈ	Ӈ	Ӈ
uni04BE			
CYRILLIC SMALL LETTER ABKHASIAN CHE WITH DESCENDER	Ӈ	Ӈ	Ӈ
uni04BF			
CYRILLIC LETTER PALOCHKA	І	І	І
uni04C0			
CYRILLIC CAPITAL LETTER ZHE WITH BREVE	Ӑ	Ӑ	Ӑ
uni04C1			
CYRILLIC SMALL LETTER ZHE WITH BREVE	Ӑ	Ӑ	Ӑ
uni04C2			
CYRILLIC CAPITAL LETTER KA WITH HOOK	ӑ	ӑ	ӑ
uni04C3			
CYRILLIC SMALL LETTER KA WITH HOOK	ӑ	ӑ	ӑ
uni04C4			
CYRILLIC CAPITAL LETTER EL WITH TAIL	ӓ	ӓ	ӓ
uni04C5			
CYRILLIC SMALL LETTER EL WITH TAIL	ӓ	ӓ	ӓ
uni04C6			
CYRILLIC CAPITAL LETTER EN WITH HOOK	ӕ	ӕ	ӕ
uni04C7			
CYRILLIC SMALL LETTER EN WITH HOOK	ӕ	ӕ	ӕ
uni04C8			
CYRILLIC CAPITAL LETTER EN WITH TAIL	ӕ	ӕ	ӕ
uni04C9			
CYRILLIC SMALL LETTER EN WITH TAIL	ӕ	ӕ	ӕ
uni04CA			
CYRILLIC CAPITAL LETTER KHAKASSIAN CHE	Ҫ	Ҫ	Ҫ
uni04CB			
CYRILLIC SMALL LETTER KHAKASSIAN CHE	Ҫ	Ҫ	Ҫ
uni04CC			
CYRILLIC CAPITAL LETTER EM WITH TAIL	Ҭ	Ҭ	Ҭ
uni04CD			
CYRILLIC SMALL LETTER EM WITH TAIL	Ҭ	Ҭ	Ҭ
uni04CE			
CYRILLIC SMALL LETTER PALOCHKA	І	І	І
uni04CF			
CYRILLIC CAPITAL LETTER A WITH BREVE	Ӑ	Ӑ	Ӑ
uni04D0			
CYRILLIC SMALL LETTER A WITH BREVE	Ӑ	Ӑ	Ӑ
uni04D1			
CYRILLIC CAPITAL LETTER A WITH DIAERESIS	Ӑ	Ӑ	Ӑ
uni04D2			

CYRILLIC SMALL LETTER A WITH DIAERESIS uni04D3	ä	ä	ä
CYRILLIC CAPITAL LIGATURE A IE uni04D4	Æ	Æ	Æ
CYRILLIC SMALL LIGATURE A IE uni04D5	æ	æ	æ
CYRILLIC CAPITAL LETTER IE WITH BREVE uni04D6	Ě	Ě	Ě
CYRILLIC SMALL LETTER IE WITH BREVE uni04D7	ě	ě	ě
CYRILLIC CAPITAL LETTER SCHWA uni04D8	Ə	Ə	Ə
CYRILLIC SMALL LETTER SCHWA uni04D9	ə	ə	ə
CYRILLIC CAPITAL LETTER SCHWA WITH DIAERESIS uni04DA	Ӑ	Ӑ	Ӑ
CYRILLIC SMALL LETTER SCHWA WITH DIAERESIS uni04DB	ӓ	ӓ	ӓ
CYRILLIC CAPITAL LETTER ZHE WITH DIAERESIS uni04DC	Ӗ	Ӗ	Ӗ
CYRILLIC SMALL LETTER ZHE WITH DIAERESIS uni04DD	ӗ	ӗ	ӗ
CYRILLIC CAPITAL LETTER ZE WITH DIAERESIS uni04DE	Ӛ	Ӛ	Ӛ
CYRILLIC SMALL LETTER ZE WITH DIAERESIS uni04DF	ӛ	ӛ	ӛ
CYRILLIC CAPITAL LETTER ABKHASIAN DZE uni04E0	Ӡ	Ӡ	Ӡ
CYRILLIC SMALL LETTER ABKHASIAN DZE uni04E1	ӡ	ӡ	ӡ
CYRILLIC CAPITAL LETTER I WITH MACRON uni04E2	Ī	Ī	Ī
CYRILLIC SMALL LETTER I WITH MACRON uni04E3	ī	ī	ī
CYRILLIC CAPITAL LETTER I WITH DIAERESIS uni04E4	Ӣ	Ӣ	Ӣ
CYRILLIC SMALL LETTER I WITH DIAERESIS uni04E5	ӣ	ӣ	ӣ
CYRILLIC CAPITAL LETTER O WITH DIAERESIS uni04E6	Ӧ	Ӧ	Ӧ
CYRILLIC SMALL LETTER O WITH DIAERESIS uni04E7	ӧ	ӧ	ӧ
CYRILLIC CAPITAL LETTER BARRED O uni04E8	Ө	Ө	Ө
CYRILLIC SMALL LETTER BARRED O uni04E9	ө	ө	ө
CYRILLIC CAPITAL LETTER BARRED O WITH DIAERESIS uni04EA	Ӗ	Ӗ	Ӗ
CYRILLIC SMALL LETTER BARRED O WITH DIAERESIS uni04EB	ӗ	ӗ	ӗ
CYRILLIC CAPITAL LETTER E WITH DIAERESIS uni04EC	Ӑ	Ӑ	Ӑ
CYRILLIC SMALL LETTER E WITH DIAERESIS uni04ED	ӓ	ӓ	ӓ
	ӥ	ӥ	ӥ

CYRILLIC CAPITAL LETTER U WITH MACRON uni04EE	У	У	У
CYRILLIC SMALL LETTER U WITH MACRON uni04EF	у	у	у
CYRILLIC CAPITAL LETTER U WITH DIAERESIS uni04F0	Ӱ	Ӱ	Ӱ
CYRILLIC SMALL LETTER U WITH DIAERESIS uni04F1	ӱ	ӱ	ӱ
CYRILLIC CAPITAL LETTER U WITH DOUBLE ACUTE uni04F2	Ӳ	Ӳ	Ӳ
CYRILLIC SMALL LETTER U WITH DOUBLE ACUTE uni04F3	ӳ	ӳ	ӳ
CYRILLIC CAPITAL LETTER CHE WITH DIAERESIS uni04F4	Ӵ	Ӵ	Ӵ
CYRILLIC SMALL LETTER CHE WITH DIAERESIS uni04F5	ӵ	ӵ	ӵ
CYRILLIC CAPITAL LETTER GHE WITH DESCENDER uni04F6	Ҁ	Ҁ	Ҁ
CYRILLIC SMALL LETTER GHE WITH DESCENDER uni04F7	ҁ	ҁ	ҁ
CYRILLIC CAPITAL LETTER YERU WITH DIAERESIS uni04F8	Ӷ	Ӷ	Ӷ
CYRILLIC SMALL LETTER YERU WITH DIAERESIS uni04F9	ӷ	ӷ	ӷ
CYRILLIC CAPITAL LETTER GHE WITH STROKE AND HOOK uni04FA	҂	҂	҂
CYRILLIC SMALL LETTER GHE WITH STROKE AND HOOK uni04FB	҃	҃	҃
CYRILLIC CAPITAL LETTER HA WITH HOOK uni04FC	҄	҄	҄
CYRILLIC SMALL LETTER HA WITH HOOK uni04FD	҅	҅	҅
CYRILLIC CAPITAL LETTER HA WITH STROKE uni04FE	҆	҆	҆
CYRILLIC SMALL LETTER HA WITH STROKE uni04FF	҇	҇	҇
CYRILLIC CAPITAL LETTER KOMI DE uni0500	Ӑ	Ӑ	Ӑ
CYRILLIC SMALL LETTER KOMI DE uni0501	ӑ	ӑ	ӑ
CYRILLIC CAPITAL LETTER KOMI DJE uni0502	Ӓ	Ӓ	Ӓ
CYRILLIC SMALL LETTER KOMI DJE uni0503	ӓ	ӓ	ӓ
CYRILLIC CAPITAL LETTER KOMI ZJE uni0504	Ӕ	Ӕ	Ӕ
CYRILLIC SMALL LETTER KOMI ZJE uni0505	ӕ	ӕ	ӕ
CYRILLIC CAPITAL LETTER KOMI DZJE uni0506	Ӧ	Ӧ	Ӧ
CYRILLIC SMALL LETTER KOMI DZJE uni0507	ӧ	ӧ	ӧ
CYRILLIC CAPITAL LETTER KOMI LJE uni0508	Ө	Ө	Ө

CYRILLIC SMALL LETTER KOMI LJE uni0509	Ӑ	ӑ	Ӓ
CYRILLIC CAPITAL LETTER KOMI NJE uni050A	Ӑ	ӑ	Ӓ
CYRILLIC SMALL LETTER KOMI NJE uni050B	Ӑ	ӑ	Ӓ
CYRILLIC CAPITAL LETTER KOMI SJE uni050C	Ӑ	ӑ	Ӓ
CYRILLIC SMALL LETTER KOMI SJE uni050D	Ӑ	ӑ	Ӓ
CYRILLIC CAPITAL LETTER KOMI TJE uni050E	Ӑ	ӑ	Ӓ
CYRILLIC SMALL LETTER KOMI TJE uni050F	Ӑ	ӑ	Ӓ
CYRILLIC CAPITAL LETTER REVERSED ZE uni0510	Ӑ	ӑ	Ӓ
CYRILLIC SMALL LETTER REVERSED ZE uni0511	Ӑ	ӑ	Ӓ
CYRILLIC CAPITAL LETTER EL WITH HOOK uni0512	Ӑ	ӑ	Ӓ
CYRILLIC SMALL LETTER EL WITH HOOK uni0513	Ӑ	ӑ	Ӓ
LATIN CAPITAL LETTER A WITH RING BELOW uni1E00	À	À	À
LATIN SMALL LETTER A WITH RING BELOW uni1E01	à	à	à
LATIN CAPITAL LETTER M WITH ACUTE uni1E3E	Ɔ	Ɔ	Ɔ
LATIN SMALL LETTER M WITH ACUTE uni1E3F	Ɔ	Ɔ	Ɔ
LATIN CAPITAL LETTER W WITH GRAVE uni1E80	Ẁ	Ẁ	Ẁ
LATIN SMALL LETTER W WITH GRAVE uni1E81	ẁ	ẁ	ẁ
LATIN CAPITAL LETTER W WITH ACUTE uni1E82	Ẃ	Ẃ	Ẃ
LATIN SMALL LETTER W WITH ACUTE uni1E83	ẃ	ẃ	ẃ
LATIN CAPITAL LETTER W WITH DIAERESIS uni1E84	Ẅ	Ẅ	Ẅ
LATIN SMALL LETTER W WITH DIAERESIS uni1E85	ẅ	ẅ	ẅ
LATIN CAPITAL LETTER A WITH DOT BELOW uni1EA0	Ạ	Ạ	Ạ
LATIN SMALL LETTER A WITH DOT BELOW uni1EA1	ạ	ạ	ạ
LATIN CAPITAL LETTER A WITH HOOK ABOVE uni1EA2	Ả	Ả	Ả
LATIN SMALL LETTER A WITH HOOK ABOVE uni1EA3	ả	ả	ả
LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND ACUTE uni1EA4	Ẳ	Ẳ	Ẳ
LATIN SMALL LETTER A WITH CIRCUMFLEX AND ACUTE uni1EA5	ẳ	ẳ	ẳ

LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND GRAVE uni1EA6	À	Á	Â
LATIN SMALL LETTER A WITH CIRCUMFLEX AND GRAVE uni1EA7	à	á	â
LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND HOOK ABOVE uni1EA8	Ã	Ä	Å
LATIN SMALL LETTER A WITH CIRCUMFLEX AND HOOK ABOVE uni1EA9	ã	ä	å
LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND TILDE uni1EAA	Ä	Å	Ä
LATIN SMALL LETTER A WITH CIRCUMFLEX AND TILDE uni1EAB	ä	å	ä
LATIN CAPITAL LETTER A WITH CIRCUMFLEX AND DOT BELOW uni1EAC	Ạ	Ạ	Ạ
LATIN SMALL LETTER A WITH CIRCUMFLEX AND DOT BELOW uni1EAD	ạ	ạ	ạ
LATIN CAPITAL LETTER A WITH BREVE AND ACUTE uni1EAE	Ǻ	Ǻ	Ǻ
LATIN SMALL LETTER A WITH BREVE AND ACUTE uni1EAF	ǻ	ǻ	ǻ
LATIN CAPITAL LETTER A WITH BREVE AND GRAVE uni1EB0	Ǽ	Ǽ	Ǽ
LATIN SMALL LETTER A WITH BREVE AND GRAVE uni1EB1	ǽ	ǽ	ǽ
LATIN CAPITAL LETTER A WITH BREVE AND HOOK ABOVE uni1EB2	Ǻ	Ǻ	Ǻ
LATIN SMALL LETTER A WITH BREVE AND HOOK ABOVE uni1EB3	ǻ	ǻ	ǻ
LATIN CAPITAL LETTER A WITH BREVE AND TILDE uni1EB4	Ǽ	Ǽ	Ǽ
LATIN SMALL LETTER A WITH BREVE AND TILDE uni1EB5	ǽ	ǽ	ǽ
LATIN CAPITAL LETTER A WITH BREVE AND DOT BELOW uni1EB6	Ạ	Ạ	Ạ
LATIN SMALL LETTER A WITH BREVE AND DOT BELOW uni1EB7	ạ	ạ	ạ
LATIN CAPITAL LETTER E WITH DOT BELOW uni1EB8	Ǝ	Ǝ	Ǝ
LATIN SMALL LETTER E WITH DOT BELOW uni1EB9	ẹ	ẹ	ẹ
LATIN CAPITAL LETTER E WITH HOOK ABOVE uni1EBA	Ǝ	Ǝ	Ǝ
LATIN SMALL LETTER E WITH HOOK ABOVE uni1EBB	ẻ	ẻ	ẻ
LATIN CAPITAL LETTER E WITH TILDE uni1EBC	Ễ	Ễ	Ễ
LATIN SMALL LETTER E WITH TILDE uni1EBD	ễ	ễ	ễ
LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND ACUTE uni1EBE	Ế	Ế	Ế

LATIN SMALL LETTER E WITH CIRCUMFLEX AND ACUTE uni1EBF	ẽ	ẽ	ẽ
LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND GRAVE uni1EC0	È	È	È
LATIN SMALL LETTER E WITH CIRCUMFLEX AND GRAVE uni1EC1	è	è	è
LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND HOOK ABOVE uni1EC2	Ê	Ê	Ê
LATIN SMALL LETTER E WITH CIRCUMFLEX AND HOOK ABOVE uni1EC3	ê	ê	ê
LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND TILDE uni1EC4	Ê	Ê	Ê
LATIN SMALL LETTER E WITH CIRCUMFLEX AND TILDE uni1EC5	ẽ	ẽ	ẽ
LATIN CAPITAL LETTER E WITH CIRCUMFLEX AND DOT BELOW uni1EC6	Ê	Ê	Ê
LATIN SMALL LETTER E WITH CIRCUMFLEX AND DOT BELOW uni1EC7	ê	ê	ê
LATIN CAPITAL LETTER I WITH HOOK ABOVE uni1EC8	İ	İ	İ
LATIN SMALL LETTER I WITH HOOK ABOVE uni1EC9	ı	ı	ı
LATIN CAPITAL LETTER I WITH DOT BELOW uni1ECA	İ	İ	İ
LATIN SMALL LETTER I WITH DOT BELOW uni1ECB	ı	ı	ı
LATIN CAPITAL LETTER O WITH DOT BELOW uni1ECC	Ȯ	Ȯ	Ȯ
LATIN SMALL LETTER O WITH DOT BELOW uni1ECD	ȯ	ȯ	ȯ
LATIN CAPITAL LETTER O WITH HOOK ABOVE uni1ECE	Ȫ	Ȫ	Ȫ
LATIN SMALL LETTER O WITH HOOK ABOVE uni1ECF	ȫ	ȫ	ȫ
LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND ACUTE uni1ED0	Õ	Õ	Õ
LATIN SMALL LETTER O WITH CIRCUMFLEX AND ACUTE uni1ED1	õ	õ	õ
LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND GRAVE uni1ED2	Ö	Ö	Ö
LATIN SMALL LETTER O WITH CIRCUMFLEX AND GRAVE uni1ED3	ö	ö	ö
LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND HOOK ABOVE uni1ED4	Ȫ	Ȫ	Ȫ
LATIN SMALL LETTER O WITH CIRCUMFLEX AND HOOK ABOVE uni1ED5	ȫ	ȫ	ȫ
LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND TILDE uni1ED6	Õ	Õ	Õ
LATIN SMALL LETTER O WITH CIRCUMFLEX AND TILDE	õ	õ	õ

	uni1ED7	Ŏ	Ŏ	Ŏ
LATIN CAPITAL LETTER O WITH CIRCUMFLEX AND DOT BELOW	uni1ED8	Ŏ̂	Ŏ̂	Ŏ̂
LATIN SMALL LETTER O WITH CIRCUMFLEX AND DOT BELOW	uni1ED9	ŏ̂	ŏ̂	ŏ̂
LATIN CAPITAL LETTER O WITH HORN AND ACUTE	uni1EDA	Ó̊	Ó̊	Ó̊
LATIN SMALL LETTER O WITH HORN AND ACUTE	uni1EDB	ó̊	ó̊	ó̊
LATIN CAPITAL LETTER O WITH HORN AND GRAVE	uni1EDC	Ò̊	Ò̊	Ò̊
LATIN SMALL LETTER O WITH HORN AND GRAVE	uni1EDD	ò̊	ò̊	ò̊
LATIN CAPITAL LETTER O WITH HORN AND HOOK ABOVE	uni1EDE	Ǫ̊	Ǫ̊	Ǫ̊
LATIN SMALL LETTER O WITH HORN AND HOOK ABOVE	uni1EDF	ǫ̊	ǫ̊	ǫ̊
LATIN CAPITAL LETTER O WITH HORN AND TILDE	uni1EE0	Õ̊	Õ̊	Õ̊
LATIN SMALL LETTER O WITH HORN AND TILDE	uni1EE1	õ̊	õ̊	õ̊
LATIN CAPITAL LETTER O WITH HORN AND DOT BELOW	uni1EE2	Ơ̊	Ơ̊	Ơ̊
LATIN SMALL LETTER O WITH HORN AND DOT BELOW	uni1EE3	ơ̊	ơ̊	ơ̊
LATIN CAPITAL LETTER U WITH DOT BELOW	uni1EE4	Ụ	Ụ	Ụ
LATIN SMALL LETTER U WITH DOT BELOW	uni1EE5	ụ	ụ	ụ
LATIN CAPITAL LETTER U WITH HOOK ABOVE	uni1EE6	Ủ̊	Ủ̊	Ủ̊
LATIN SMALL LETTER U WITH HOOK ABOVE	uni1EE7	ủ̊	ủ̊	ủ̊
LATIN CAPITAL LETTER U WITH HORN AND ACUTE	uni1EE8	Ú̊	Ú̊	Ú̊
LATIN SMALL LETTER U WITH HORN AND ACUTE	uni1EE9	ú̊	ú̊	ú̊
LATIN CAPITAL LETTER U WITH HORN AND GRAVE	uni1EEA	Ù̊	Ù̊	Ù̊
LATIN SMALL LETTER U WITH HORN AND GRAVE	uni1EEB	ù̊	ù̊	ù̊
LATIN CAPITAL LETTER U WITH HORN AND HOOK ABOVE	uni1EEC	Ǫ̊	Ǫ̊	Ǫ̊
LATIN SMALL LETTER U WITH HORN AND HOOK ABOVE	uni1EED	ǫ̊	ǫ̊	ǫ̊
LATIN CAPITAL LETTER U WITH HORN AND TILDE	uni1EEE	Õ̊	Õ̊	Õ̊
LATIN SMALL LETTER U WITH HORN AND TILDE	uni1EEF	õ̊	õ̊	õ̊
LATIN CAPITAL LETTER U WITH HORN AND DOT BELOW	uni1EF0	Ư̊	Ư̊	Ư̊
LATIN SMALL LETTER U WITH HORN AND DOT BELOW		ư̊	ư̊	ư̊

uni1EF1	Ÿ	Ÿ	Ÿ
LATIN CAPITAL LETTER Y WITH GRAVE uni1EF2	Ỳ	Ỳ	Ỳ
LATIN SMALL LETTER Y WITH GRAVE uni1EF3	ỳ	ỳ	ỳ
LATIN CAPITAL LETTER Y WITH DOT BELOW uni1EF4	Ỵ̀	Ỵ̀	Ỵ̀
LATIN SMALL LETTER Y WITH DOT BELOW uni1EF5	ỵ̀	ỵ̀	ỵ̀
LATIN CAPITAL LETTER Y WITH HOOK ABOVE uni1EF6	Ỳ̂	Ỳ̂	Ỳ̂
LATIN SMALL LETTER Y WITH HOOK ABOVE uni1EF7	ỳ̂	ỳ̂	ỳ̂
LATIN CAPITAL LETTER Y WITH TILDE uni1EF8	Ỳ̃	Ỳ̃	Ỳ̃
LATIN SMALL LETTER Y WITH TILDE uni1EF9	ỳ̃	ỳ̃	ỳ̃
GREEK CAPITAL LETTER OMICRON WITH DASIA AND OXIA uni1F4D	Ό	Ό	Ό
EN QUAD uni2000			
EM QUAD uni2001			
EN SPACE uni2002			
EM SPACE uni2003			
THREE-PER-EM SPACE uni2004			
FOUR-PER-EM SPACE uni2005			
SIX-PER-EM SPACE uni2006			
FIGURE SPACE uni2007			
PUNCTUATION SPACE uni2008			
THIN SPACE uni2009			
HAIR SPACE uni200A			
ZERO WIDTH SPACE uni200B			
EN DASH uni2013	—	—	—
EM DASH uni2014	—	—	—
HORIZONTAL BAR uni2015	—	—	—
DOUBLE LOW LINE uni2017	=	=	=
LEFT SINGLE QUOTATION MARK uni2018	‘	‘	‘
RIGHT SINGLE QUOTATION MARK	’	’	’

	uni2019			
SINGLE LOW-9 QUOTATION MARK	uni201A	’	’	’
SINGLE HIGH-REVERSED-9 QUOTATION MARK	uni201B	‘	‘	‘
LEFT DOUBLE QUOTATION MARK	uni201C	“	“	“
RIGHT DOUBLE QUOTATION MARK	uni201D	”	”	”
DOUBLE LOW-9 QUOTATION MARK	uni201E	„	„	„
DAGGER	uni2020	†	†	†
DOUBLE DAGGER	uni2021	‡	‡	‡
BULLET	uni2022	•	•	•
TWO DOT LEADER	uni2025
HORIZONTAL ELLIPSIS	uni2026
PER MILLE SIGN	uni2030	‰	‰	‰
PRIME	uni2032	′	′	′
DOUBLE PRIME	uni2033	″	″	″
SINGLE LEFT-POINTING ANGLE QUOTATION MARK	uni2039	<	<	<
SINGLE RIGHT-POINTING ANGLE QUOTATION MARK	uni203A	>	>	>
DOUBLE EXCLAMATION MARK	uni203C	!!	!!	!!
FRACTION SLASH	uni2044	/	/	/
SUPERSCRIFT FOUR	uni2074	⁴	⁴	⁴
SUPERSCRIFT LATIN SMALL LETTER N	uni207F	ⁿ	ⁿ	ⁿ
FRENCH FRANC SIGN	uni20A3	₣	₣	₣
LIRA SIGN	uni20A4	₺	₺	₺
PESETA SIGN	uni20A7	₧	₧	₧
DONG SIGN	uni20AB	₫	₫	₫
EURO SIGN	uni20AC	€	€	€
CARE OF	uni2105	℄	℄	℄
SCRIPT SMALL L	uni2113	ℓ	ℓ	ℓ
NUMERO SIGN	uni2116	№	№	№

TRADE MARK SIGN uni2122	TM	TM	TM
OHM SIGN uni2126	Ω	Ω	Ω
ESTIMATED SYMBOL uni212E	e	e	e
VULGAR FRACTION ONE EIGHTH uni215B	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$
VULGAR FRACTION THREE EIGHTHS uni215C	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$
VULGAR FRACTION FIVE EIGHTHS uni215D	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$
VULGAR FRACTION SEVEN EIGHTHS uni215E	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{7}{8}$
PARTIAL DIFFERENTIAL uni2202	∂	∂	∂
INCREMENT uni2206	Δ	Δ	Δ
N-ARY PRODUCT uni220F	∏	∏	∏
N-ARY SUMMATION uni2211	Σ	Σ	Σ
MINUS SIGN uni2212	−	−	−
DIVISION SLASH uni2215	/	/	/
SQUARE ROOT uni221A	√	√	√
INFINITY uni221E	∞	∞	∞
INTEGRAL uni222B	∫	∫	∫
ALMOST EQUAL TO uni2248	≈	≈	≈
NOT EQUAL TO uni2260	≠	≠	≠
LESS-THAN OR EQUAL TO uni2264	≤	≤	≤
GREATER-THAN OR EQUAL TO uni2265	≥	≥	≥
LOZENGE uni25CA	◇	◇	◇
uniF6C3	□	□	□
ZERO WIDTH NO-BREAK SPACE uniFEFF			
OBJECT REPLACEMENT CHARACTER uniFFFC			
REPLACEMENT CHARACTER uniFFFD	?	?	?
two.sup Ending "sup" ≠ OT Feature (cannot display this character)	2	2	2

Ending Sup ≠ 01 Feature (cannot display this character)
feature

circumflextildecomb
Cannot display because feature tag is missing in name.

circumflexhookcomb
Cannot display because feature tag is missing in name.

circumflexgravecomb
Cannot display because feature tag is missing in name.

circumflexacutecomb
Cannot display because feature tag is missing in name.

brevegravecomb
Cannot display because feature tag is missing in name.

commaaccentrotate
Cannot display because feature tag is missing in name.

A.smcp
smcp feature

B.smcp
smcp feature

C.smcp
smcp feature

D.smcp
smcp feature

E.smcp
smcp feature

F.smcp
smcp feature

G.smcp
smcp feature

H.smcp
smcp feature

I.smcp
smcp feature

J.smcp
smcp feature

K.smcp
smcp feature

L.smcp
smcp feature

M.smcp
smcp feature

N.smcp
smcp feature

O.smcp
smcp feature

Q.smcp
smcp feature

R.smcp
smcp feature

S.smcp
smcp feature

T.smcp
smcp feature

U.smcp
smcp feature

V.smcp
smcp feature

?	?	?
?	?	?
?	?	?
?	?	?
?	?	?
?	?	?
A	A	A
B	B	B
C	C	C
D	D	D
E	E	E
F	F	F
G	G	G
H	H	H
I	I	I
J	J	J
K	K	K
L	L	L
M	M	M
N	N	N
O	O	O
Q	Q	Q
R	R	R
S	S	S
T	T	T
U	U	U
V	V	V



smcp feature			
W.smcp smcp feature	W	W	W
X.smcp smcp feature	X	X	X
Y.smcp smcp feature	Y	Y	Y
Z.smcp smcp feature	Z	Z	Z
brevehookcomb Cannot display because feature tag is missing in name.	?	?	?
one.sup Ending "sup" ≠ OT Feature (cannot display this character) feature	1	1	1
breveacutecomb Cannot display because feature tag is missing in name.	?	?	?
three.sup Ending "sup" ≠ OT Feature (cannot display this character) feature	3	3	3
four.sup Ending "sup" ≠ OT Feature (cannot display this character) feature	4	4	4
five.sup Ending "sup" ≠ OT Feature (cannot display this character) feature	5	5	5
seven.sup Ending "sup" ≠ OT Feature (cannot display this character) feature	7	7	7
eight.sup Ending "sup" ≠ OT Feature (cannot display this character) feature	8	8	8
crossbar Cannot display because feature tag is missing in name.	?	?	?
ringacute Cannot display because feature tag is missing in name.	?	?	?
dasiaoxia Cannot display because feature tag is missing in name.	?	?	?
brevetildecomb Cannot display because feature tag is missing in name.	?	?	?
cyrillictic Cannot display because feature tag is missing in name.	?	?	?
cyrillichook Cannot display because feature tag is missing in name.	?	?	?
P.smcp smcp feature	P	P	P
K.alt Ending "alt" ≠ OT Feature (cannot display this character) feature	K	K	K
Germandbls.smcp smcp feature	ß	ß	ß
uni0162.smcp smcp feature	ƚ	ƚ	ƚ
Dcroat.smcp smcp feature	Đ	Đ	Đ
Eth.smcp smcp feature	Ð	Ð	Ð
Tbar.smcp smcp feature	Ƨ	Ƨ	Ƨ

smcp feature			
Agrave.smcp smcp feature	À	À	À
Aacute.smcp smcp feature	Á	Á	Á
Acircumflex.smcp smcp feature	Â	Â	Â
Atilde.smcp smcp feature	Ã	Ã	Ã
Adieresis.smcp smcp feature	Ä	Ä	Ä
Aring.smcp smcp feature	Å	Å	Å
Aringacute.smcp smcp feature	Ǻ	Ǻ	Ǻ
Ccedilla.smcp smcp feature	Ç	Ç	Ç
Egrave.smcp smcp feature	È	È	È
Eacute.smcp smcp feature	É	É	É
Ecircumflex.smcp smcp feature	Ê	Ê	Ê
Edieresis.smcp smcp feature	Ë	Ë	Ë
Igrave.smcp smcp feature	Ì	Ì	Ì
Iacute.smcp smcp feature	Í	Í	Í
Icircumflex.smcp smcp feature	Î	Î	Î
Idieresis.smcp smcp feature	Ï	Ï	Ï
Ntilde.smcp smcp feature	Ñ	Ñ	Ñ
Ograve.smcp smcp feature	Ò	Ò	Ò
Oacute.smcp smcp feature	Ó	Ó	Ó
Ocircumflex.smcp smcp feature	Ô	Ô	Ô
Otilde.smcp smcp feature	Õ	Õ	Õ
Odieresis.smcp smcp feature	Ö	Ö	Ö
Ugrave.smcp smcp feature	Ù	Ù	Ù
Uacute.smcp smcp feature	Ú	Ú	Ú
Ucircumflex.smcp smcp feature	Û	Û	Û
Udieresis.smcp smcp feature	Ü	Ü	Ü
Yacute.smcp smcp feature	Ý	Ý	Ý



Amacron.smcp smcp feature	Ā	Ā	Ā
Abreve.smcp smcp feature	Ǻ	Ǻ	Ǻ
Aogonek.smcp smcp feature	Ą	Ą	Ą
Cacute.smcp smcp feature	Ć	Ć	Ć
Ccircumflex.smcp smcp feature	Ĉ	Ĉ	Ĉ
Ccaron.smcp smcp feature	Č	Č	Č
Dcaron.smcp smcp feature	Ǻ	Ǻ	Ǻ
Emacron.smcp smcp feature	Ē	Ē	Ē
Ebreve.smcp smcp feature	Ǻ	Ǻ	Ǻ
Edotaccent.smcp smcp feature	Ė	Ė	Ė
Eogonek.smcp smcp feature	Ę	Ę	Ę
Ecaron.smcp smcp feature	Ě	Ě	Ě
Gcircumflex.smcp smcp feature	Ĝ	Ĝ	Ĝ
Gbreve.smcp smcp feature	Ǻ	Ǻ	Ǻ
Gcommaaccent.smcp smcp feature	Ǻ	Ǻ	Ǻ
Hcircumflex.smcp smcp feature	Ĥ	Ĥ	Ĥ
Itilde.smcp smcp feature	ĩ	ĩ	ĩ
Imacron.smcp smcp feature	Ī	Ī	Ī
Ibreve.smcp smcp feature	Ǻ	Ǻ	Ǻ
Iogonek.smcp smcp feature	Į	Į	Į
Idotaccent.smcp smcp feature	İ	İ	İ
Jcircumflex.smcp smcp feature	Ĵ	Ĵ	Ĵ
Kcommaaccent.smcp smcp feature	Ǻ	Ǻ	Ǻ
Lacute.smcp smcp feature	Ł	Ł	Ł
Lcommaaccent.smcp smcp feature	Ł	Ł	Ł
Lcaron.smcp smcp feature	Ǻ	Ǻ	Ǻ
Ldot.smcp smcp feature	Ł	Ł	Ł
	Ł	Ł	Ł



Nacute.smcp smcp feature	Ṅ	Ṅ	Ṅ
Ncommaaccent.smcp smcp feature	Ṇ	Ṇ	Ṇ
Ncaron.smcp smcp feature	Ñ	Ñ	Ñ
Omacron.smcp smcp feature	Ō	Ō	Ō
Obreve.smcp smcp feature	Ö	Ö	Ö
Ohungarumlaut.smcp smcp feature	Ő	Ő	Ő
Racute.smcp smcp feature	Ŕ	Ŕ	Ŕ
Rcommaaccent.smcp smcp feature	Ŗ	Ŗ	Ŗ
Rcaron.smcp smcp feature	Ř	Ř	Ř
Sacute.smcp smcp feature	Ś	Ś	Ś
Scircumflex.smcp smcp feature	Ŝ	Ŝ	Ŝ
Scedilla.smcp smcp feature	Ş	Ş	Ş
Scaron.smcp smcp feature	Š	Š	Š
Tcaron.smcp smcp feature	Ť	Ť	Ť
Utilde.smcp smcp feature	Ũ	Ũ	Ũ
Umacron.smcp smcp feature	Ū	Ū	Ū
Ubreve.smcp smcp feature	Ǫ	Ǫ	Ǫ
Uring.smcp smcp feature	Ȫ	Ȫ	Ȫ
Uhungarumlaut.smcp smcp feature	Ú	Ú	Ú
Uogonek.smcp smcp feature	Ȭ	Ȭ	Ȭ
Wcircumflex.smcp smcp feature	Ŵ	Ŵ	Ŵ
Ycircumflex.smcp smcp feature	Ŷ	Ŷ	Ŷ
Ydieresis.smcp smcp feature	Ÿ	Ÿ	Ÿ
Zacute.smcp smcp feature	Ż	Ż	Ż
Zdotaccent.smcp smcp feature	Ẑ	Ẑ	Ẑ
Zcaron.smcp smcp feature	Ž	Ž	Ž