

DIGIT ZERO uni0030	0	0
DIGIT ONE	1	1
uni0031  DIGIT TWO	2	2
uni0032 DIGIT THREE	3	3
uni0033 DIGIT FOUR	4	4
uni0034  DIGIT FIVE	5	5
uni0035 DIGIT SIX	6	6
uni0036		
DIGIT SEVEN uni0037	7	7
DIGIT EIGHT uni0038	8	8
DIGIT NINE uni0039	9	9
COLON uni003A	:	=
SEMICOLON uni003B	,	;
LESS-THAN SIGN uni003C	<	<
EQUALS SIGN uni003D	=	=
GREATER-THAN SIGN uni003E	>	>
QUESTION MARK uni003F	?	?
COMMERCIAL AT uni0040	(a)	@
LATIN CAPITAL LETTER A uni0041	А	A
LATIN CAPITAL LETTER B uni0042	В	B
LATIN CAPITAL LETTER C uni0043	С	C
LATIN CAPITAL LETTER D uni0044	D	D
LATIN CAPITAL LETTER E uni0045	Е	E
LATIN CARITAL LETTER F	Г	-
LATIN CAPITAL LETTER F uni0046	F	F
LATIN CAPITAL LETTER G uni0047	G	G
LATIN CAPITAL LETTER H uni0048	H	H
LATIN CAPITAL LETTER I uni0049		I
LATIN CAPITAL LETTER J uni004A	J	J

LATIN CAPITAL LETTER K uni004B	K	K
LATIN CAPITAL LETTER L uni004C	L	L
LATIN CAPITAL LETTER M uni004D	M	M
LATIN CAPITAL LETTER N uni004E	Ν	N
LATIN CAPITAL LETTER O uni004F	0	0
LATIN CAPITAL LETTER P uni0050	Р	P
LATIN CAPITAL LETTER Q uni0051	Q	Q
LATIN CAPITAL LETTER R uni0052	R	R
LATIN CAPITAL LETTER S uni0053	S	S
LATIN CAPITAL LETTER T uni0054	Т	T
LATIN CAPITAL LETTER U uni0055	U	U
LATIN CAPITAL LETTER V uni0056	V	V
LATIN CAPITAL LETTER W uni0057	W	W
LATIN CAPITAL LETTER X uni0058	X	X
LATIN CAPITAL LETTER Y uni0059	Y	Y
LATIN CAPITAL LETTER Z uni005A	Z	Z
LEFT SQUARE BRACKET uni005B	[	Г
REVERSE SOLIDUS uni005C	\	1
RIGHT SQUARE BRACKET uni005D	]	1
CIRCUMFLEX ACCENT uni005E	^	^
LOW LINE uni005F	_	_
GRAVE ACCENT uni0060	`	•
LATIN SMALL LETTER A uni0061	а	A
LATIN SMALL LETTER B uni0062	b	B
LATIN SMALL LETTER C uni0063	С	C
LATIN SMALL LETTER D uni0064	d	D
LATIN SMALL LETTER E uni0065	е	E
LATIN SMALL LETTER F uni0066	f	F

LATIN SMALL LETTER G uni0067	g	G
LATIN SMALL LETTER H uni0068	h	H
LATIN SMALL LETTER I uni0069	i	I
LATIN SMALL LETTER J uni006A	j	J
LATIN SMALL LETTER K uni006B	k	K
LATIN SMALL LETTER L uni006C		L
LATIN SMALL LETTER M uni006D	m	M
LATIN SMALL LETTER N uni006E	n	N
LATIN SMALL LETTER O uni006F	0	0
LATIN SMALL LETTER P uni0070	р	P
LATIN SMALL LETTER Q uni0071	q	Q
LATIN SMALL LETTER R uni0072	r	R
LATIN SMALL LETTER S uni0073	S	S
LATIN SMALL LETTER T uni0074	t	T
LATIN SMALL LETTER U uni0075	U	U
LATIN SMALL LETTER V uni0076	V	V
LATIN SMALL LETTER W uni0077	W	W
LATIN SMALL LETTER X uni0078	X	X
LATIN SMALL LETTER Y uni0079	У	Y
LATIN SMALL LETTER Z uni007A	Z	Z
LEFT CURLY BRACKET uni007B	{	<b>{</b>
VERTICAL LINE uni007C		
RIGHT CURLY BRACKET uni007D	}	}
TILDE uni007E	~	~
INVERTED EXCLAMATION MARK uni00A1	i	ā
CENT SIGN uni00A2	¢	¢
POUND SIGN uni00A3	£	£
CURRENCY SIGN		

CURRENCY SIGN uni00A4

	¤	¤
YEN SIGN uni00A5	¥	¥
BROKEN BAR uni00A6	I	ł
SECTION SIGN uni00A7	§	5
DIAERESIS uni00A8		••
COPYRIGHT SIGN uni00A9	©	<b>©</b>
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	a
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	*
NOT SIGN uni00AC	$\neg$	٦
SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	R
MACRON uni00AF	-	-
DEGREE SIGN uni00B0	0	0
PLUS-MINUS SIGN uni00B1	$\pm$	±
SUPERSCRIPT TWO uni00B2	2	2
SUPERSCRIPT THREE uni00B3	3	3
ACUTE ACCENT uni00B4	/	
PILCROW SIGN uni00B6	1	П
MIDDLE DOT uni00B7		-
CEDILLA uni00B8	٦	5
SUPERSCRIPT ONE uni00B9	1	1
MASCULINE ORDINAL INDICATOR uni00BA	0	0
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	<b>&gt;&gt;</b>
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2
VULGAR FRACTION THREE QUARTERS uni00BE	3/4	3/4
	غ	ż

LATIN CAPITAL LETTER U WITH GRAVE

LATIN CAPITAL LETTER U WITH ACUTE

uni00D9

uni00DB	Û	Û
LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	Ü
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Ý	Ý
LATIN CAPITAL LETTER THORN uni00DE	Þ	P
LATIN SMALL LETTER SHARP S uni00DF	ß	ß
LATIN SMALL LETTER A WITH GRAVE uni00E0	à	À
LATIN SMALL LETTER A WITH ACUTE uni00E1	á	Á
LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2	â	Â
LATIN SMALL LETTER A WITH TILDE uni00E3	ã	Ã
LATIN SMALL LETTER A WITH DIAERESIS uni00E4	ä	Ä
LATIN SMALL LETTER A WITH RING ABOVE uni00E5	å	Å
LATIN SMALL LETTER AE uni00E6	æ	Æ
LATIN SMALL LETTER C WITH CEDILLA uni00E7	Ç	ç
LATIN SMALL LETTER E WITH GRAVE uni00E8	è	È
LATIN SMALL LETTER E WITH ACUTE uni00E9	é	É
LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA	ê	Ê
LATIN SMALL LETTER E WITH DIAERESIS uni00EB	ë	Ë
LATIN SMALL LETTER I WITH GRAVE uni00EC	Ì	ì
LATIN SMALL LETTER I WITH ACUTE uni00ED	ĺ	Í
LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE	Î	Î
LATIN SMALL LETTER I WITH DIAERESIS uni00EF	Ϊ	Ï
LATIN SMALL LETTER ETH uni00F0	ð	Ð
LATIN SMALL LETTER N WITH TILDE uni00F1	ñ	Ñ
LATIN SMALL LETTER O WITH GRAVE uni00F2	ò	ò
LATIN SMALL LETTER O WITH ACUTE uni00F3	Ó	ó
LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4	ô	ô
LATIN SMALL LETTER O WITH TILDE uni00F5	Õ	Õ
LATIN SMALL LETTER O WITH DIAERESIS uni00F6 DIVISION SIGN	Ö	Ö

uni00F7	÷	÷
LATIN SMALL LETTER O WITH STROKE uni00F8	Ø	Ø
LATIN SMALL LETTER U WITH GRAVE uni00F9	ù	Ù
LATIN SMALL LETTER U WITH ACUTE uni00FA	Ú	Ú
LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB	û	Û
LATIN SMALL LETTER U WITH DIAERESIS uni00FC	ü	Ü
LATIN SMALL LETTER Y WITH ACUTE uni00FD	ý	Ý
LATIN SMALL LETTER THORN uni00FE	þ	Þ
LATIN SMALL LETTER Y WITH DIAERESIS uni00FF	ÿ	Ÿ
LATIN CAPITAL LETTER A WITH BREVE uni0102	Ă	Ă
LATIN SMALL LETTER A WITH BREVE uni0103	ă	Ă
LATIN CAPITAL LETTER A WITH OGONEK uni0104	Ą	Ą
LATIN SMALL LETTER A WITH OGONEK uni0105	ą	Ą
LATIN CAPITAL LETTER C WITH ACUTE uni0106	Ć	Ć
LATIN SMALL LETTER C WITH ACUTE uni0107	Ć	Ć
LATIN CAPITAL LETTER C WITH CARON uni010C	Č	Č
LATIN SMALL LETTER C WITH CARON uni010D	Č	č
LATIN CAPITAL LETTER D WITH CARON uni010E	Ď	Ď
LATIN SMALL LETTER D WITH CARON uni010F	ď	D'
LATIN CAPITAL LETTER D WITH STROKE uni0110	Đ	Đ
LATIN SMALL LETTER D WITH STROKE uni0111	đ	Ð
LATIN CAPITAL LETTER E WITH OGONEK uni0118	Ę	Ę
LATIN SMALL LETTER E WITH OGONEK uni0119	ę	Ę
LATIN CAPITAL LETTER E WITH CARON uni011A	Ē	
LATIN SMALL LETTER E WITH CARON uni011B	ě	Ě
LATIN CAPITAL LETTER G WITH BREVE uni011E	Ğ	Ğ
LATIN SMALL LETTER G WITH BREVE uni011F	ğ	Ğ

LATIN CAPITAL LETTER I WITH DOT ABOVE uni0130	İ	İ
LATIN SMALL LETTER DOTLESS I uni0131	I	I
LATIN CAPITAL LETTER L WITH ACUTE uni0139	Ĺ	Ĺ
LATIN SMALL LETTER L WITH ACUTE uni013A	ĺ	Ĺ
LATIN CAPITAL LETTER L WITH CARON uni013D	Ľ	Ľ
LATIN SMALL LETTER L WITH CARON uni013E	'	ľ
LATIN CAPITAL LETTER L WITH STROKE uni0141	Ł	Ł
LATIN SMALL LETTER L WITH STROKE uni0142	ł	Ł
LATIN CAPITAL LETTER N WITH ACUTE uni0143	Ń	Ń
LATIN SMALL LETTER N WITH ACUTE	ń	Ń
uni0144  LATIN CAPITAL LETTER N WITH CARON	Ň	Ň
uni0147  LATIN SMALL LETTER N WITH CARON	ň	ň
uni0148  LATIN CAPITAL LETTER O WITH DOUBLE ACUTE	Ő	ő
uni0150  LATIN SMALL LETTER O WITH DOUBLE ACUTE	ő	ő
uni0151  LATIN CAPITAL LIGATURE OE	Œ	Œ
uni0152  LATIN SMALL LIGATURE OE	œ	Œ
uni0153  LATIN CAPITAL LETTER R WITH ACUTE	Ŕ	Ŕ
uni0154  LATIN SMALL LETTER R WITH ACUTE	ŕ	Ŕ
uni0155  LATIN CAPITAL LETTER R WITH CARON uni0158	Ř	Ř
LATIN SMALL LETTER R WITH CARON uni0159	ř	Ř
LATIN CAPITAL LETTER S WITH ACUTE uni015A	Ś	ś
LATIN SMALL LETTER S WITH ACUTE uni015B	Ś	ś
LATIN CAPITAL LETTER S WITH CEDILLA uni015E	Ş	Ş
LATIN SMALL LETTER S WITH CEDILLA uni015F	Ş	Ş
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	<b>S</b> × <b>S</b>
LATIN SMALL LETTER S WITH CARON uni0161	Š	Š
LATIN CAPITAL LETTER T WITH CEDILLA uni0162	Ţ	Ţ
LATIN CMALL LETTER T WITH CERULA		

LATIN SMALL LETTER T WITH CEDILLA

ţŢ	uni0163
Ť	LATIN CAPITAL LETTER T WITH CARON uni0164
ť T	LATIN SMALL LETTER T WITH CARON uni0165
ůů	LATIN CAPITAL LETTER U WITH RING ABOVE uni016E
ůů	LATIN SMALL LETTER U WITH RING ABOVE uni016F
ŰŰ	LATIN CAPITAL LETTER U WITH DOUBLE ACUTE uni0170
űű	LATIN SMALL LETTER U WITH DOUBLE ACUTE uni0171
Ÿ¥	LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178
ŹŹ	LATIN CAPITAL LETTER Z WITH ACUTE uni0179
źź	LATIN SMALL LETTER Z WITH ACUTE uni017A
Ż	LATIN CAPITAL LETTER Z WITH DOT ABOVE uni017B
ż	LATIN SMALL LETTER Z WITH DOT ABOVE uni017C
ŽŽ	LATIN CAPITAL LETTER Z WITH CARON uni017D
žŽ	LATIN SMALL LETTER Z WITH CARON uni017E
f <b>f</b>	LATIN SMALL LETTER F WITH HOOK uni0192
ÄÄ	LATIN CAPITAL LETTER A WITH DOUBLE GRAVE uni0200
äÄ	LATIN SMALL LETTER A WITH DOUBLE GRAVE uni0201
ÂÂ	LATIN CAPITAL LETTER A WITH INVERTED BREVE uni0202
âÂ	LATIN SMALL LETTER A WITH INVERTED BREVE uni0203
Ë	LATIN CAPITAL LETTER E WITH DOUBLE GRAVE uni0204
ë	LATIN SMALL LETTER E WITH DOUBLE GRAVE uni0205
ÊÊ	LATIN CAPITAL LETTER E WITH INVERTED BREVE uni0206
ê <b>ê</b>	LATIN SMALL LETTER E WITH INVERTED BREVE uni0207
Ï	LATIN CAPITAL LETTER I WITH DOUBLE GRAVE uni0208
ï	LATIN SMALL LETTER I WITH DOUBLE GRAVE uni0209
ÎÎ	LATIN CAPITAL LETTER I WITH INVERTED BREVE uni020A
îÎ	LATIN SMALL LETTER I WITH INVERTED BREVE uni020B
ÖÖ	

uni020C		
LATIN SMALL LETTER O WITH DOUBLE GRAVE uni020D	Ő	Ö
LATIN CAPITAL LETTER O WITH INVERTED BREVE uni020E	Ô	Ô
LATIN SMALL LETTER O WITH INVERTED BREVE uni020F	ô	Ô
LATIN CAPITAL LETTER R WITH DOUBLE GRAVE uni0210	Ř	R
LATIN SMALL LETTER R WITH DOUBLE GRAVE uni0211	r̈́	Ä
LATIN CAPITAL LETTER R WITH INVERTED BREVE uni0212	Ŕ	Â
LATIN SMALL LETTER R WITH INVERTED BREVE uni0213	ŕ	Â
LATIN CAPITAL LETTER U WITH DOUBLE GRAVE uni0214	Ü	Ü
LATIN SMALL LETTER U WITH DOUBLE GRAVE uni0215	ù	Ü
LATIN CAPITAL LETTER U WITH INVERTED BREVE uni0216	Û	Û
LATIN SMALL LETTER U WITH INVERTED BREVE uni0217	û	Û
LATIN CAPITAL LETTER S WITH COMMA BELOW uni0218	Ş	Ş
LATIN SMALL LETTER S WITH COMMA BELOW uni0219	Ş	Ş
LATIN CAPITAL LETTER T WITH COMMA BELOW uni021A	Ţ	Ţ
LATIN SMALL LETTER T WITH COMMA BELOW uni021B	ţ	Ţ
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	^	Á
CARON uni02C7	V	V
BREVE uni02D8	J	U
DOT ABOVE uni02D9		
RING ABOVE uni02DA	0	0
OGONEK uni02DB	د	(
SMALL TILDE uni02DC	~	~
DOUBLE ACUTE ACCENT uni02DD	//	
COMBINING DOUBLE GRAVE ACCENT uni030F		
COMBINING INVERTED BREVE uni0311		
COMBINING COMMA BELOW uni0326		

GREEK CAPITAL LETTER DELTA uni0394

GREEK SMALL LETTER MU uni03BC

	μ	Ŋ
EN DASH uni2013	-	-
EM DASH uni2014	_	_
LEFT SINGLE QUOTATION MARK uni2018	1	4
RIGHT SINGLE QUOTATION MARK uni2019	,	7
SINGLE LOW-9 QUOTATION MARK uni201A	,	7
LEFT DOUBLE QUOTATION MARK uni201C	11	"
RIGHT DOUBLE QUOTATION MARK uni201D	"	77
DOUBLE LOW-9 QUOTATION MARK uni201E	"	77
DAGGER uni2020	†	t
DOUBLE DAGGER uni2021	‡	*
BULLET uni2022	•	•
HORIZONTAL ELLIPSIS uni2026		
PER MILLE SIGN uni2030	%0	0/00
SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039	<	•
SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A	>	>
FRACTION SLASH uni2044	/	
SUPERSCRIPT FOUR uni2074	4	4
EURO SIGN uni20AC	€	€
TRADE MARK SIGN uni2122	TM	TM
INCREMENT uni2206	Δ	Δ
MINUS SIGN uni2212	_	-
INTEGRAL uni222B	ſ	J
LOZENGE uni25CA	$\Diamond$	0
uniF8A0		
uniF8FF		
LATIN SMALL LIGATURE FI uniFB01	fi	FI
G 501	fl	FL
LATIN SMALL LICATURE EL		



















