

DIGIT ZERO uni0030	0	0
DIGIT ONE uni0031	1	l
DIGIT TWO uni0032	2	2
DIGIT THREE uni0033	3	3
DIGIT FOUR uni0034	4	4
DIGIT FIVE uni0035	5	5
DIGIT SIX uni0036	6	6
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	@	0
LATIN CAPITAL LETTER A uni0041	Α	A
LATIN CAPITAL LETTER B uni0042	В	В
LATIN CAPITAL LETTER C uni0043	С	C
LATIN CAPITAL LETTER D uni0044	D	D
LATIN CAPITAL LETTER E uni0045	Е	E
LATIN CAPITAL LETTER F	F	F
uni0046  LATIN CAPITAL LETTER G	G	G
uni0047  LATIN CAPITAL LETTER H	Н	H
uni0048	П	
LATIN CAPITAL LETTER I		I
LATIN CAPITAL LETTER J uni004A	J	J

LATIN CAPITAL LETTER K uni004B	K	K
LATIN CAPITAL LETTER L uni004C	L	<u>L</u>
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	P	P
LATIN CAPITAL LETTER Q uni0051	Q	O
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	IJ
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	Υ	Y
LATIN CAPITAL LETTER Z uni005A	Z	7.
LEFT SQUARE BRACKET uni005B	[	[
REVERSE SOLIDUS uni005C	\	
RIGHT SQUARE BRACKET uni005D	]	]
CIRCUMFLEX ACCENT uni005E	^	٨
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	6
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	j
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	ľ
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	{	{
VERTICAL LINE uni007C		
RIGHT CURLY BRACKET uni007D	}	}
TILDE uni007E	~	~
NO-BREAK SPACE uni00A0		
INVERTED EXCLAMATION MARK uni00A1	i	i
CENT SIGN uni00A2	¢	¢

POUND SIGN

uni00A3	£	£
CURRENCY SIGN uni00A4	¤	Ħ
YEN SIGN uni00A5	¥	¥
BROKEN BAR uni00A6	I	
SECTION SIGN uni00A7	§	8
DIAERESIS uni00A8		
COPYRIGHT SIGN uni00A9	©	C
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	a
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	«	<b>«</b>
NOT SIGN uni00AC	_	٦
SOFT HYPHEN uni00AD		
REGISTERED SIGN uni00AE	R	R
MACRON uni00AF	_	-
DEGREE SIGN uni00B0	0	0
PLUS-MINUS SIGN uni00B1	±	±
SUPERSCRIPT TWO uni00B2	2	2
SUPERSCRIPT THREE uni00B3	3	3
ACUTE ACCENT uni00B4	/	,
MICRO SIGN uni00B5	μ	μ
PILCROW SIGN uni00B6	9	q
MIDDLE DOT uni00B7	٠	•
CEDILLA uni00B8	٦	,
SUPERSCRIPT ONE uni00B9	1	l
MASCULINE ORDINAL INDICATOR uni00BA	<u>O</u>	0
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	<i>&gt;&gt;</i>	<b>»</b>
VULGAR FRACTION ONE QUARTER uni00BC	1/4	1/4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2

VULGAR FRACTION THREE QUARTERS	3/4	3/4
uni00BE		
INVERTED QUESTION MARK uni00BF	غ	ŀ
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	À	À
LATIN CAPITAL LETTER A WITH ACUTE uni00C1	Á	Á
LATIN CAPITAL LETTER A WITH CIRCUMFLEX uni00C2	Â	Â
LATIN CAPITAL LETTER A WITH TILDE uni00C3	Ã	Ã
LATIN CAPITAL LETTER A WITH DIAERESIS uni00C4	Ä	Ä
LATIN CAPITAL LETTER A WITH RING ABOVE uni00C5	Å	Å
LATIN CAPITAL LETTER AE uni00C6	Æ	Æ
LATIN CAPITAL LETTER C WITH CEDILLA uni00C7	Ç	Ç
LATIN CAPITAL LETTER E WITH GRAVE uni00C8	È	È
LATIN CAPITAL LETTER E WITH ACUTE uni00C9	É	É
LATIN CAPITAL LETTER E WITH CIRCUMFLEX uni00CA	Ê	Ê
LATIN CAPITAL LETTER E WITH DIAERESIS uni00CB	Ë	Ë
LATIN CAPITAL LETTER I WITH GRAVE uni00CC	Ì	Ì
LATIN CAPITAL LETTER I WITH ACUTE uni00CD	ĺ	Í
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	Ϊ
LATIN CAPITAL LETTER ETH uni00D0	Đ	Ð
LATIN CAPITAL LETTER N WITH TILDE uni00D1	Ñ	Ñ
LATIN CAPITAL LETTER O WITH GRAVE uni00D2	Ò	Ò
LATIN CAPITAL LETTER O WITH ACUTE uni00D3	Ó	Ó
LATIN CAPITAL LETTER O WITH CIRCUMFLEX uni00D4	Ô	Ô
LATIN CAPITAL LETTER O WITH TILDE uni00D5	Õ	Õ
LATIN CAPITAL LETTER O WITH DIAERESIS uni00D6	Ö	Ö
MULTIPLICATION SIGN uni00D7	×	×
LATIN CAPITAL LETTER O WITH STROKE uni00D8	Ø	Ø
LATIN CAPITAL LETTER U WITH GRAVE		

uni00D9	Ù	Ù
LATIN CAPITAL LETTER U WITH ACUTE uni00DA	Ú	Ú
LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB	Û	Ĵ
LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC	Ü	Ü
LATIN CAPITAL LETTER Y WITH ACUTE uni00DD	Ý	Ý
LATIN CAPITAL LETTER THORN uni00DE	Þ	þ
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
	ç è	Ç è
uni00E7  LATIN SMALL LETTER E WITH GRAVE	ç è é	,
uni00E7  LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE		è
uni00E7  LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX	é	è
uni00E7  LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS	é ê	è é é
uni00E7  LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE	é ê	è é é
uni00E7  LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE	é ê	è é ê ë
LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE uni00ED  LATIN SMALL LETTER I WITH CIRCUMFLEX	é ê ë ì	è é é ë i
LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE uni00ED  LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE  LATIN SMALL LETTER I WITH DIAERESIS	é ê ë ì	è é é ë l
LATIN SMALL LETTER E WITH GRAVE uni00E8  LATIN SMALL LETTER E WITH ACUTE uni00E9  LATIN SMALL LETTER E WITH CIRCUMFLEX uni00EA  LATIN SMALL LETTER E WITH DIAERESIS uni00EB  LATIN SMALL LETTER I WITH GRAVE uni00EC  LATIN SMALL LETTER I WITH ACUTE uni00ED  LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE  LATIN SMALL LETTER I WITH DIAERESIS uni00EF  LATIN SMALL LETTER I WITH DIAERESIS uni00EF	é ê ë ì í	è é é ë li i i i i
LATIN SMALL LETTER E WITH GRAVE UNIONES  LATIN SMALL LETTER E WITH ACUTE UNIONES  LATIN SMALL LETTER E WITH CIRCUMFLEX UNIONEA  LATIN SMALL LETTER E WITH DIAERESIS UNIONEB  LATIN SMALL LETTER I WITH GRAVE UNIONEC  LATIN SMALL LETTER I WITH ACUTE UNIONED  LATIN SMALL LETTER I WITH CIRCUMFLEX UNIONEE  LATIN SMALL LETTER I WITH DIAERESIS UNIONEE  LATIN SMALL LETTER I WITH DIAERESIS UNIONEF  LATIN SMALL LETTER I WITH DIAERESIS UNIONEF  LATIN SMALL LETTER I WITH DIAERESIS UNIONEF	é ê ë ì í î ð	è é é ë l í í í i ď
LATIN SMALL LETTER E WITH GRAVE UNIONES  LATIN SMALL LETTER E WITH ACUTE UNIONES  LATIN SMALL LETTER E WITH CIRCUMFLEX UNIONEA  LATIN SMALL LETTER E WITH DIAERESIS UNIONEB  LATIN SMALL LETTER I WITH GRAVE UNIONEC  LATIN SMALL LETTER I WITH ACUTE UNIONED  LATIN SMALL LETTER I WITH CIRCUMFLEX UNIONEE  LATIN SMALL LETTER I WITH DIAERESIS UNIONEE  LATIN SMALL LETTER I WITH DIAERESIS UNIONEF  LATIN SMALL LETTER I WITH TILDE UNIONF1  LATIN SMALL LETTER N WITH TILDE UNIONF1	é ê ë ì í î ö ñ	è é é ë li i i d ñ

LATIN SMALL LETTER O WITH TILDE uni00F5	õ	Õ
	Ö	Ö
LATIN SMALL LETTER O WITH DIAERESIS uni00F6		
DIVISION SIGN 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 SMALL LETTER DOTLESS I uni0131	I	l
LATIN CAPITAL LETTER L WITH STROKE uni0141	上	Ł
LATIN SMALL LETTER L WITH STROKE uni0142	ł	ł
LATIN CAPITAL LIGATURE OE uni0152	Œ	Œ
LATIN SMALL LIGATURE OE uni0153	œ	œ
LATIN CAPITAL LETTER S WITH CARON uni0160	Š	Š
LATIN SMALL LETTER S WITH CARON uni0161	Š	Š
LATIN CAPITAL LETTER Y WITH DIAERESIS uni0178	Ÿ	Ÿ
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	Ž
LATIN SMALL LETTER F WITH HOOK	f	f
uni0192  MODIFIER LETTER CIRCUMFLEX ACCENT	^	) ^
uni02C6  CARON	V	•
uni02C7  MODIFIER LETTER MACRON	-	_
uni02C9	J	U
BREVE uni02D8		

		DOT ABOVE uni02D9
0	0	RING ABOVE uni02DA
ι	د	200151
		OGONEK uni02DB
~	~	SMALL TILDE uni02DC
"	//	DOUBLE ACUTE ACCENT uni02DD
Δ	Δ	GREEK CAPITAL LETTER DELTA uni0394
Ω	Ω	GREEK CAPITAL LETTER OMEGA uni03A9
μ	μ	GREEK SMALL LETTER MU uni03BC
π	π	GREEK SMALL LETTER PI uni03C0
-	-	HYPHEN uni2010
-	-	EN DASH uni2013
-	—	EM DASH uni2014
1	1	LEFT SINGLE QUOTATION MARK uni2018
1	,	RIGHT SINGLE QUOTATION MARK uni2019
1	,	SINGLE LOW-9 QUOTATION MARK uni201A
ш	11	LEFT DOUBLE QUOTATION MARK uni201C
"	"	RIGHT DOUBLE QUOTATION MARK uni201D
"	"	DOUBLE LOW-9 QUOTATION MARK uni201E
ţ	†	DAGGER uni2020
ŧ	‡	DOUBLE DAGGER uni2021
•	•	BULLET uni2022
		HORIZONTAL ELLIPSIS uni2026
<b>%</b> 00	%00	PER MILLE SIGN uni2030
(	<	SINGLE LEFT-POINTING ANGLE QUOTATION MARK uni2039
>	>	SINGLE RIGHT-POINTING ANGLE QUOTATION MARK uni203A
-	/	FRACTION SLASH uni2044
€	€	EURO SIGN uni20AC
		TRADE MARK SIGN

uni2122	TM	TM
OHM SIGN uni2126	Ω	Ω
PARTIAL DIFFERENTIAL uni2202	9	9
INCREMENT uni2206	Δ	Δ
N-ARY PRODUCT uni220F	П	T
N-ARY SUMMATION uni2211	Σ	Σ
MINUS SIGN uni2212	_	-
DIVISION SLASH uni2215	/	1
BULLET OPERATOR uni2219	•	
SQUARE ROOT uni221A	$\sqrt{}$	V
INFINITY uni221E	00	M
INTEGRAL uni222B	$\int$	ſ
ALMOST EQUAL TO uni2248	$\approx$	11
NOT EQUAL TO uni2260	<b>≠</b>	<b>#</b>
LESS-THAN OR EQUAL TO uni2264	$\leq$	≤
GREATER-THAN OR EQUAL TO uni2265	$\geq$	>
LOZENGE uni25CA	$\Diamond$	<b>♦</b>
uniF001	HI	fi
uniF002	HI	fl
LATIN SMALL LIGATURE FI uniFB01	fi	fi
LATIN SMALL LIGATURE FL uniFB02	fl	fl















