

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	1	;	;
LESS-THAN SIGN uni003C	<	<	<
EQUALS SIGN uni003D	=	=	=
GREATER-THAN SIGN uni003E	>	>	>
QUESTION MARK uni003F	?	?	?
COMMERCIAL AT uni0040	(a)	@	@
LATIN CAPITAL LETTER A uni0041	Α	A	A
LATIN CAPITAL LETTER B uni0042	В	В	${f B}$
LATIN CAPITAL LETTER C uni0043	С	C	e
LATIN CAPITAL LETTER D uni0044	D	D	D
LATIN CAPITAL LETTER E uni0045	Е	E	Ŧ
LATIN CAPITAL LETTER F uni0046	F	Ŧ	Ŧ
LATIN CAPITAL LETTER G uni0047	G	G	G
LATIN CAPITAL LETTER H uni0048	Н	H	Н
LATIN CAPITAL LETTER I uni0049		T	ๆ
LATIN CAPITAL LETTER J uni004A	J	T	T
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	Ν	N	N
LATIN CAPITAL LETTER O uni004F	0	9	0
LATIN CAPITAL LETTER P uni0050	Р	P	ዋ
LATIN CAPITAL LETTER Q uni0051	Q	Q	Q
LATIN CAPITAL LETTER R uni0052	R	\mathbb{R}	${f R}$
LATIN CAPITAL LETTER S uni0053	S	S	S
LATIN CAPITAL LETTER T uni0054	Т	Т	Т
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	\	\	١
RIGHT SQUARE BRACKET uni005D]]]
CIRCUMFLEX ACCENT uni005E	^	^	^
LOW LINE uni005F	_	_	_
GRAVE ACCENT uni0060	\	`	•
LATIN SMALL LETTER A uni0061	а	a	a
LATIN SMALL LETTER B uni0062	b	b	Ъ
LATIN SMALL LETTER C uni0063	С	С	С
LATIN SMALL LETTER D uni0064	d	d	d
LATIN SMALL LETTER E uni0065	е	е	е
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		1	1
LATIN SMALL LETTER M uni006D	m	m	m
LATIN SMALL LETTER N uni006E	n	n	n
LATIN SMALL LETTER O uni006F	0	0	0
LATIN SMALL LETTER P uni0070	р	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	У	у	y
LATIN SMALL LETTER Z uni007A	Z	Z	Z
LEFT CURLY BRACKET uni007B	{	{	{
VERTICAL LINE uni007C			I
RIGHT CURLY BRACKET uni007D	}	}	}
TILDE uni007E	~	~	~
NO-BREAK SPACE uni00A0			
INVERTED EXCLAMATION MARK uni00A1	i	i	i
CENT SIGN uni00A2	¢	¢	¢
POUND SIGN uni00A3	£	£	£
CURRENCY SIGN uni00A4	¤	¤	¤

YEN SIGN uni00A5	¥	¥	œ
BROKEN BAR uni00A6	1	I I	ļ
SECTION SIGN uni00A7	§	§	§
DIAERESIS uni00A8		••	••
COPYRIGHT SIGN uni00A9	©	©	©
FEMININE ORDINAL INDICATOR uni00AA	<u>a</u>	a	a
LEFT-POINTING DOUBLE ANGLE QUOTATION MARK uni00AB	<<	«	«
NOT SIGN uni00AC	_	-	-
SOFT HYPHEN uni00AD			
REGISTERED SIGN uni00AE	R	®	R
MACRON uni00AF	-	_	_
DEGREE SIGN uni00B0	0	o	0
PLUS-MINUS SIGN uni00B1	\pm	±	±
SUPERSCRIPT TWO uni00B2	2	2	2
SUPERSCRIPT THREE uni00B3	3	3	3
ACUTE ACCENT uni00B4	/	,	•
MICRO SIGN uni00B5	μ	μ	μ
PILCROW SIGN uni00B6	¶	П	¶
MIDDLE DOT uni00B7		•	•
CEDILLA uni00B8	ے	5	5
SUPERSCRIPT ONE uni00B9	1	1	1
MASCULINE ORDINAL INDICATOR uni00BA	<u>O</u>	0	0
RIGHT-POINTING DOUBLE ANGLE QUOTATION MARK uni00BB	>>	»	»
VULGAR FRACTION ONE QUARTER uni00BC	1/4	<u>1</u>	<u>1</u> 4
VULGAR FRACTION ONE HALF uni00BD	1/2	1/2	1/2
VULGAR FRACTION THREE QUARTERS uni00BE	3/4	<u>3</u>	3 4
INVERTED QUESTION MARK uni00BF	غ	ڬ	ż
LATIN CAPITAL LETTER A WITH GRAVE uni00C0	À	À	À

	Á	Á	Á
LATIN CAPITAL LETTER A WITH ACUTE uni00C1			
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	À	À
LATIN CAPITAL LETTER I WITH ACUTE uni00CD	ĺ	Í	Í
LATIN CAPITAL LETTER I WITH CIRCUMFLEX uni00CE	Î	Î	Î
LATIN CAPITAL LETTER I WITH DIAERESIS uni00CF	Ϊ	Ï	Ä
LATIN CAPITAL LETTER ETH uni00D0	Đ	Đ	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 uni00D7	×	×	×
LATIN CAPITAL LETTER O WITH STROKE uni00D8	Ø	Ø	Ø
LATIN CAPITAL LETTER U WITH GRAVE uni00D9	Ù	Ù	Ù
LATIN CAPITAL LETTER U WITH ACUTE uni00DA	Ú	Ú	Ú

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LATIN CAPITAL LETTER U WITH CIRCUMFLEX uni00DB

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LATIN CAPITAL LETTER U WITH DIAERESIS uni00DC

LATIN CAPITAL LETTER Y WITH ACUTE uni00DD

LATIN CAPITAL LETTER THORN uni00DE

LATIN SMALL LETTER SHARP S uni00DF

LATIN SMALL LETTER A WITH GRAVE uni00E0

LATIN SMALL LETTER A WITH ACUTE uni00E1

LATIN SMALL LETTER A WITH CIRCUMFLEX uni00E2

LATIN SMALL LETTER A WITH TILDE uni00E3

LATIN SMALL LETTER A WITH DIAERESIS

LATIN SMALL LETTER A WITH RING ABOVE uni00E5

LATIN	SMALL	LET	TER	ΑE
		u	ni00	E6

LATIN SMALL LETTER C WITH CEDILLA 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 uni00ED

LATIN SMALL LETTER I WITH CIRCUMFLEX uni00EE

LATIN SMALL LETTER I WITH DIAERESIS uni00EF

LATIN SMALL LETTER ETH uni00F0

LATIN SMALL LETTER N WITH TILDE uni00F1

LATIN SMALL LETTER O WITH GRAVE uni00F2

LATIN SMALL LETTER O WITH ACUTE uni00F3

LATIN SMALL LETTER O WITH CIRCUMFLEX uni00F4

Ϊ	ï	ï
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ñ	ñ	ñ
ò	ò	ò
Ó	ó	ó
ô	ô	ô

õ	Õ	õ	LATIN SMALL LETTER O WITH TILDE uni00F5
ö	ö	Ö	LATIN SMALL LETTER O WITH DIAERESIS uni00F6
÷	÷	÷	DIVISION SIGN uni00F7
Ø	Ø	Ø	LATIN SMALL LETTER O WITH STROKE uni00F8
ù	ù	ù	LATIN SMALL LETTER U WITH GRAVE uni00F9
ú	ú	ú	LATIN SMALL LETTER U WITH ACUTE uni00FA
û	û	û	LATIN SMALL LETTER U WITH CIRCUMFLEX uni00FB
ü	ü	ü	LATIN SMALL LETTER U WITH DIAERESIS uni00FC
ý	ý	ý	LATIN SMALL LETTER Y WITH ACUTE uni00FD
þ	þ	þ	LATIN SMALL LETTER THORN uni00FE
ÿ	ÿ	ÿ	LATIN SMALL LETTER Y WITH DIAERESIS uni00FF
Ă	Ă	Ă	LATIN CAPITAL LETTER A WITH BREVE uni0102
ă	ă	ă	LATIN SMALL LETTER A WITH BREVE uni0103
é	Ć	Ć	LATIN CAPITAL LETTER C WITH ACUTE uni0106
ć	Ć	Ć	LATIN SMALL LETTER C WITH ACUTE uni0107
ĉ	ĉ	ĉ	LATIN SMALL LETTER C WITH CIRCUMFLEX uni0109
ě	Č	Č	LATIN CAPITAL LETTER C WITH CARON uni010C
č	č	č	LATIN SMALL LETTER C WITH CARON uni010D
Ď	Ď	Ď	LATIN CAPITAL LETTER D WITH CARON uni010E
ĕ	ĕ	ĕ	LATIN SMALL LETTER E WITH BREVE uni0115
Ě	Ě	Ě	LATIN CAPITAL LETTER E WITH CARON uni011A
ě	ě	ě	LATIN SMALL LETTER E WITH CARON uni011B
ħ	ħ	ħ	LATIN SMALL LETTER H WITH STROKE uni0127
Ĩ	Ĩ	Ĩ	LATIN CAPITAL LETTER I WITH TILDE uni0128
ĩ	ĩ	ĩ	LATIN SMALL LETTER I WITH TILDE uni0129
1	1	I	LATIN SMALL LETTER DOTLESS I uni0131
Ŋ	IJ	IJ	LATIN CAPITAL LIGATURE IJ uni0132
			LATIN SMALL LIGATURE IJ uni0133

ij	ij	ij	
Ĵ	Ĵ	ĵ	LATIN CAPITAL LETTER J WITH CIRCUMFLEX uni0134
ĵ	ĵ	ĵ	LATIN SMALL LETTER J WITH CIRCUMFLEX uni0135
ķ	ķ	ķ	LATIN SMALL LETTER K WITH CEDILLA uni0137
Ķ	Ķ	K	LATIN SMALL LETTER KRA uni0138
Ĺ	Ĺ	Ĺ	LATIN CAPITAL LETTER L WITH ACUTE uni0139
ĺ	ĺ	ĺ	LATIN SMALL LETTER L WITH ACUTE uni013A
Ŀ	Ŀ	Ŀ	LATIN CAPITAL LETTER L WITH MIDDLE DOT uni013F
ŀ	ŀ	ŀ	LATIN SMALL LETTER L WITH MIDDLE DOT uni0140
Ł	욒	Ł	LATIN CAPITAL LETTER L WITH STROKE uni0141
ł	ł	ł	LATIN SMALL LETTER L WITH STROKE uni0142
Ń	Ń	Ń	LATIN CAPITAL LETTER N WITH ACUTE uni0143
ń	ń	ń	LATIN SMALL LETTER N WITH ACUTE uni0144
Ň	Ň	Ň	LATIN CAPITAL LETTER N WITH CARON uni0147
ň	ň	ň	LATIN SMALL LETTER N WITH CARON uni0148
ŏ	ŏ	ŏ	LATIN SMALL LETTER O WITH BREVE uni014F
Œ	Œ	Œ	LATIN CAPITAL LIGATURE OE uni0152
œ	œ	œ	LATIN SMALL LIGATURE OE uni0153
Ŕ	Ŕ	Ŕ	LATIN CAPITAL LETTER R WITH ACUTE uni0154
ŕ	ŕ	ŕ	LATIN SMALL LETTER R WITH ACUTE uni0155
Ŗ	${\mathbb R}$	Ŗ	LATIN CAPITAL LETTER R WITH CEDILLA uni0156
ŗ	r	ŗ	LATIN SMALL LETTER R WITH CEDILLA uni0157
Ř	Ř	Ř	LATIN CAPITAL LETTER R WITH CARON uni0158
ř	ř	ř	LATIN SMALL LETTER R WITH CARON uni0159
Ś	Ś	Ś	LATIN CAPITAL LETTER S WITH ACUTE uni015A
Ś	Ś	Ś	LATIN SMALL LETTER S WITH ACUTE uni015B
ŝ	ŝ	ŝ	LATIN SMALL LETTER S WITH CIRCUMFLEX uni015D
Š	Š	Š	LATIN CAPITAL LETTER S WITH CARON uni0160

LATIN SMALL LETTER S WITH CARON uni0161	š	š	š
LATIN CAPITAL LETTER T WITH CARON uni0164	Ť	Ť	Ť
LATIN SMALL LETTER U WITH TILDE uni0169	ũ	ũ	ũ
LATIN SMALL LETTER U WITH BREVE uni016D	ŭ	ŭ	ŭ
LATIN CAPITAL LETTER U WITH RING ABOVE uni016E	Ů	Ů	Ů
LATIN SMALL LETTER U WITH RING ABOVE uni016F	ů	ů	ů
LATIN SMALL LETTER Y WITH CIRCUMFLEX uni0177	ŷ	ŷ	ŷ
LATIN CAPITAL LETTER Z WITH ACUTE uni0179	Ź	Ź	Ź
LATIN SMALL LETTER Z WITH ACUTE uni017A	ź	Ź	ź
LATIN CAPITAL LETTER Z WITH CARON uni017D	Ž	Ž	Ž
LATIN SMALL LETTER Z WITH CARON uni017E	ž	ž	ž
MODIFIER LETTER CIRCUMFLEX ACCENT uni02C6	^	^	^
CARON uni02C7	~	~	•
BREVE uni02D8	J	V	•
DOT ABOVE uni02D9		•	•
RING ABOVE uni02DA	0	0	0
SMALL TILDE uni02DC	~	~	~
GREEK SMALL LETTER MU uni03BC	μ	μ	μ
LATIN SMALL LETTER Y WITH GRAVE uni1EF3	ý	ỳ	ỳ
EN DASH uni2013	_	_	_
EM DASH uni2014	_	_	_
LEFT SINGLE QUOTATION MARK uni2018	1	6	4
RIGHT SINGLE QUOTATION MARK uni2019	7	,	,
SINGLE LOW-9 QUOTATION MARK uni201A	,	,	,
LEFT DOUBLE QUOTATION MARK uni201C	11	"	44
RIGHT DOUBLE QUOTATION MARK uni201D	"	"	77
DOUBLE LOW-9 QUOTATION MARK uni201E	"	"	"
BULLET uni2022	•	•	•





