

List of Unicode characters

This is a **list of Unicode characters**. As of version 11.0, Unicode contains a repertoire of over 137,000 characters covering 146 modern and historic scripts, as well as multiple symbol sets. As it is not technically possible to list all of these characters in a single Wikipedia page, this list is limited to a subset of the most important characters for English-language readers, with links to other pages which list the supplementary characters. This page includes the 1062 characters in the Multilingual European Character Set 2 (MES-2) subset, and some additional related characters.



Contents

Character reference overview

Control codes

Latin script

- Basic Latin
- Latin-1 Supplement
- Latin Extended-A
- Latin Extended-B
- Latin Extended Additional
- Additional Latin Extended

Phonetic scripts

- IPA Extensions
- Spacing modifier letters
- Phonetic Extensions

Combining Marks

Greek and Coptic

- Greek Extended

Cyrillic

- Cyrillic supplements

Armenian

Semitic languages

Thaana

Brahmic (Indic) scripts

Other south and central Asian writing systems

Georgian

African scripts

American scripts

Mongolian

Unicode symbols

General Punctuation

Superscripts and Subscripts

Currency Symbols

Letterlike Symbols

Number Forms

Arrows

Mathematical symbols

Miscellaneous Technical

Optical Character Recognition

Enclosed Alphanumerics

Box Drawing

Block Elements

Geometric Shapes

Miscellaneous Symbols

Dingbats

East Asian writing systems

Southeast Asian writing systems

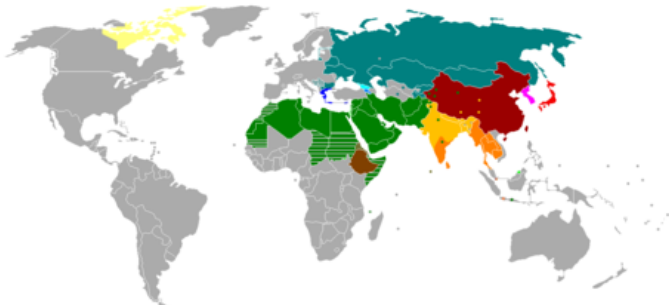
Alphabetic Presentation Forms

Ancient and historic scripts

Shavian

Notational systems

- Braille
- Music



Index of predominant national and selected regional or minority scripts

Alphabetic	[L]ogographic and [S]yllabic	Abjad	Abugida
<input type="checkbox"/> Latin	<input type="checkbox"/> Hanzi [L]	<input type="checkbox"/> Arabic	<input type="checkbox"/> North Indic
<input type="checkbox"/> Cyrillic	<input type="checkbox"/> Kana [S] / Kanji [L]	<input type="checkbox"/> Hebrew	<input type="checkbox"/> South Indic
<input type="checkbox"/> Greek	<input type="checkbox"/> Hanja ^b [L]		<input type="checkbox"/> Ethiopic
<input type="checkbox"/> Armenian			<input type="checkbox"/> Thaana
<input type="checkbox"/> Georgian			<input type="checkbox"/> Canadian syllabic
<input type="checkbox"/> Hangul ^a			

^a Featural-alphabetic. ^b Limited.

- Shorthand
- Sutton SignWriting
- Emoji
- Alchemical symbols
- Game symbols
- Special areas and format characters
- See also
- References
- External links

Character reference overview

An HTML or XML *numeric character reference* refers to a character by its Universal Character Set/Unicode code point, and uses the format

`&#nnnn;`

or

`&#xhhhh;`

where *nnnn* is the code point in decimal form, and *hhhh* is the code point in hexadecimal form. The *x* must be lowercase in XML documents. The *nnnn* or *hhhh* may be any number of digits and may include leading zeros. The *hhhh* may mix uppercase and lowercase, though uppercase is the usual style.

In contrast, a *character entity reference* refers to a character by the name of an entity which has the desired character as its *replacement text*. The entity must either be predefined (built into the markup language) or explicitly declared in a Document Type Definition (DTD). The format is the same as for any entity reference:

`&name;`

where *name* is the case-sensitive name of the entity. The semicolon is required.

Control codes

65 characters, including DEL but not SP. All belong to the common script.

	Code	Decimal	Description	Abbreviation
C0	U+0000	0	<u>Null character</u>	NUL
	U+0001	1	<u>Start of Heading</u>	SOH
	U+0002	2	<u>Start of Text</u>	STX
	U+0003	3	<u>End-of-text character</u>	ETX
	U+0004	4	<u>End-of-transmission character</u>	EOT
	U+0005	5	<u>Enquiry character</u>	ENQ
	U+0006	6	<u>Acknowledge character</u>	ACK
	U+0007	7	<u>Bell character</u>	BEL
	U+0008	8	<u>Backspace</u>	BS
	U+0009	9	<u>Horizontal tab</u>	HT
	U+000A	10	<u>Line feed</u>	LF
	U+000B	11	<u>Vertical tab</u>	VT
	U+000C	12	<u>Form feed</u>	FF
	U+000D	13	<u>Carriage return</u>	CR
	U+000E	14	<u>Shift Out</u>	SO
	U+000F	15	<u>Shift In</u>	SI
	U+0010	16	<u>Data Link Escape</u>	DLE
	U+0011	17	<u>Device Control 1</u>	DC1
	U+0012	18	<u>Device Control 2</u>	DC2
	U+0013	19	<u>Device Control 3</u>	DC3
	U+0014	20	<u>Device Control 4</u>	DC4
	U+0015	21	<u>Negative-acknowledge character</u>	NAK
	U+0016	22	<u>Synchronous Idle</u>	SYN
	U+0017	23	<u>End of Transmission Block</u>	ETB
	U+0018	24	<u>Cancel character</u>	CAN
	U+0019	25	<u>End of Medium</u>	EM
	U+001A	26	<u>Substitute character</u>	SUB
	U+001B	27	<u>Escape character</u>	ESC
	U+001C	28	<u>File Separator</u>	FS
	U+001D	29	<u>Group Separator</u>	GS
	U+001E	30	<u>Record Separator</u>	RS
	U+001F	31	<u>Unit Separator</u>	US
	U+0020	32	<u>Space</u>	SP
	U+007F	127	<u>Delete</u>	DEL
C1	U+0080	128	Padding Character	PAD
	U+0081	129	High Octet Preset	HOP
	U+0082	130	Break Permitted Here	BPH
	U+0083	131	No Break Here	NBH
	U+0084	132	Index	IND
	U+0085	133	Next Line	NEL
	U+0086	134	Start of Selected Area	SSA
	U+0087	135	End of Selected Area	ESA
	U+0088	136	Character Tabulation Set	HTS
	U+0089	137	Character Tabulation with Justification	HTJ
	U+008A	138	Line Tabulation Set	VTs
	U+008B	139	Partial Line Forward	PLD
	U+008C	140	Partial Line Backward	PLU
	U+008D	141	Reverse Line Feed	RI
	U+008E	142	Single-Shift Two	SS2
	U+008F	143	Single-Shift Three	SS3
	U+0090	144	Device Control String	DCS
	U+0091	145	Private Use 1	PU1
	U+0092	146	Private Use 2	PU2

	Code	Decimal	Description	Abbreviation
	U+0093	147	Set Transmit State	STS
	U+0094	148	<u>Cancel character</u>	CCH
	U+0095	149	Message Waiting	MW
	U+0096	150	Start of Protected Area	SPA
	U+0097	151	End of Protected Area	EPA
	U+0098	152	Start of String	SOS
	U+0099	153	Single Graphic Character Introducer	SGCI
	U+009A	154	Single Character Intro Introducer	SCI
	U+009B	155	<u>Control Sequence Introducer</u>	CSI
	U+009C	156	String Terminator	ST
	U+009D	157	Operating System Command	OSC
	U+009E	158	Private Message	PM
	U+009F	159	Application Program Command	APC
	Code	Decimal	Description	Abbreviation

Latin script

The Unicode Standard (version 7.0) classifies 1,338 characters as belonging to the Latin script.

Basic Latin

95 characters; the 52 alphabet characters belong to the Latin script. The remaining 43 belong to the common script.
The 33 characters classified as **ASCII Punctuation & Symbols** are also sometimes referred to as **ASCII special characters**. See § Latin-1 Supplement and § Unicode symbols for additional "special characters".

	Code	Glyph	Decimal	Description	#
ASCII Punctuation & Symbols	U+0020		32	<u>Space</u>	0001
	U+0021	!	33	<u>Exclamation mark</u>	0002
	U+0022	"	34	<u>Quotation mark</u>	0003
	U+0023	#	35	<u>Number sign, Hashtag, Octothorpe, Sharp</u>	0004
	U+0024	\$	36	<u>Dollar sign</u>	0005
	U+0025	%	37	<u>Percent sign</u>	0006
	U+0026	&	38	<u>Ampersand</u>	0007
	U+0027	'	39	<u>Apostrophe</u>	0008
	U+0028	(40	<u>Left parenthesis</u>	0009
	U+0029)	41	<u>Right parenthesis</u>	0010
	U+002A	*	42	<u>Asterisk</u>	0011
	U+002B	+	43	<u>Plus sign</u>	0012
	U+002C	,	44	<u>Comma</u>	0013
	U+002D	-	45	<u>Hyphen-minus</u>	0014
	U+002E	.	46	<u>Full stop</u>	0015
	U+002F	/	47	<u>Slash (Solidus)</u>	0016
ASCII Digits	U+0030	0	48	<u>Digit Zero</u>	0017
	U+0031	1	49	<u>Digit One</u>	0018
	U+0032	2	50	<u>Digit Two</u>	0019
	U+0033	3	51	<u>Digit Three</u>	0020
	U+0034	4	52	<u>Digit Four</u>	0021
	U+0035	5	53	<u>Digit Five</u>	0022
	U+0036	6	54	<u>Digit Six</u>	0023
	U+0037	7	55	<u>Digit Seven</u>	0024
	U+0038	8	56	<u>Digit Eight</u>	0025
	U+0039	9	57	<u>Digit Nine</u>	0026
ASCII Punctuation & Symbols	U+003A	:	58	<u>Colon</u>	0027
	U+003B	;	59	<u>Semicolon</u>	0028
	U+003C	<	60	<u>Less-than sign</u>	0029
	U+003D	=	61	<u>Equal sign</u>	0030
	U+003E	>	62	<u>Greater-than sign</u>	0031
	U+003F	?	63	<u>Question mark</u>	0032
	U+0040	@	64	<u>At sign</u>	0033
Latin Alphabet: Uppercase	U+0041	A	65	<u>Latin Capital letter A</u>	0034
	U+0042	B	66	<u>Latin Capital letter B</u>	0035
	U+0043	C	67	<u>Latin Capital letter C</u>	0036
	U+0044	D	68	<u>Latin Capital letter D</u>	0037
	U+0045	E	69	<u>Latin Capital letter E</u>	0038
	U+0046	F	70	<u>Latin Capital letter F</u>	0039
	U+0047	G	71	<u>Latin Capital letter G</u>	0040
	U+0048	H	72	<u>Latin Capital letter H</u>	0041
	U+0049	I	73	<u>Latin Capital letter I</u>	0042
	U+004A	J	74	<u>Latin Capital letter J</u>	0043
	U+004B	K	75	<u>Latin Capital letter K</u>	0044
	U+004C	L	76	<u>Latin Capital letter L</u>	0045
	U+004D	M	77	<u>Latin Capital letter M</u>	0046
	U+004E	N	78	<u>Latin Capital letter N</u>	0047
	U+004F	O	79	<u>Latin Capital letter O</u>	0048
	U+0050	P	80	<u>Latin Capital letter P</u>	0049
	U+0051	Q	81	<u>Latin Capital letter Q</u>	0050
	U+0052	R	82	<u>Latin Capital letter R</u>	0051
	U+0053	S	83	<u>Latin Capital letter S</u>	0052
	U+0054	T	84	<u>Latin Capital letter T</u>	0053

	Code	Glyph	Decimal	Description	#
	U+0055	U	85	<u>Latin Capital letter U</u>	0054
	U+0056	V	86	<u>Latin Capital letter V</u>	0055
	U+0057	W	87	<u>Latin Capital letter W</u>	0056
	U+0058	X	88	<u>Latin Capital letter X</u>	0057
	U+0059	Y	89	<u>Latin Capital letter Y</u>	0058
	U+005A	Z	90	<u>Latin Capital letter Z</u>	0059
ASCII Punctuation & Symbols	U+005B	[91	<u>Left Square Bracket</u>	0060
	U+005C	\	92	<u>Backslash</u>	0061
	U+005D]	93	<u>Right Square Bracket</u>	0062
	U+005E	^	94	<u>Circumflex accent</u>	0063
	U+005F	_	95	<u>Low line</u>	0064
	U+0060	`	96	<u>Grave accent</u>	0065
Latin Alphabet: Lowercase	U+0061	a	97	<u>Latin Small Letter A</u>	0066
	U+0062	b	98	<u>Latin Small Letter B</u>	0067
	U+0063	c	99	<u>Latin Small Letter C</u>	0068
	U+0064	d	100	<u>Latin Small Letter D</u>	0069
	U+0065	e	101	<u>Latin Small Letter E</u>	0070
	U+0066	f	102	<u>Latin Small Letter F</u>	0071
	U+0067	g	103	<u>Latin Small Letter G</u>	0072
	U+0068	h	104	<u>Latin Small Letter H</u>	0073
	U+0069	i	105	<u>Latin Small Letter I</u>	0074
	U+006A	j	106	<u>Latin Small Letter J</u>	0075
	U+006B	k	107	<u>Latin Small Letter K</u>	0076
	U+006C	l	108	<u>Latin Small Letter L</u>	0077
	U+006D	m	109	<u>Latin Small Letter M</u>	0078
	U+006E	n	110	<u>Latin Small Letter N</u>	0079
	U+006F	o	111	<u>Latin Small Letter O</u>	0080
	U+0070	p	112	<u>Latin Small Letter P</u>	0081
	U+0071	q	113	<u>Latin Small Letter Q</u>	0082
	U+0072	r	114	<u>Latin Small Letter R</u>	0083
	U+0073	s	115	<u>Latin Small Letter S</u>	0084
	U+0074	t	116	<u>Latin Small Letter T</u>	0085
	U+0075	u	117	<u>Latin Small Letter U</u>	0086
	U+0076	v	118	<u>Latin Small Letter V</u>	0087
	U+0077	w	119	<u>Latin Small Letter W</u>	0088
	U+0078	x	120	<u>Latin Small Letter X</u>	0089
	U+0079	y	121	<u>Latin Small Letter Y</u>	0090
	U+007A	z	122	<u>Latin Small Letter Z</u>	0091
ASCII Punctuation & Symbols	U+007B	{	123	<u>Left Curly Bracket</u>	0092
	U+007C		124	<u>Vertical bar</u>	0093
	U+007D	}	125	<u>Right Curly Bracket</u>	0094
	U+007E	~	126	<u>Tilde</u>	0095
	Code	Glyph	Decimal	Description	#

Latin-1 Supplement

96 characters; the 62 letters, and two ordinal indicators belong to the Latin script. The remaining 32 belong to the common script.

	Code	Glyph	Decimal	HTML	Description	#
Latin-1 Punctuation & Symbols	U+00A0		0160	 	<u>Non-breaking space</u>	0096
	U+00A1	¡	0161	¡	<u>Inverted Exclamation Mark</u>	0097
	U+00A2	¢	0162	¢	<u>Cent sign</u>	0098
	U+00A3	£	0163	£	<u>Pound sign</u>	0099
	U+00A4	¤	0164	¤	<u>Currency sign</u>	0100
	U+00A5	¥	0165	¥	<u>Yen sign</u>	0101
	U+00A6	̂	0166	¦	<u>Broken bar</u>	0102
	U+00A7	§	0167	§	<u>Section sign</u>	0103
	U+00A8	¨	0168	¨	<u>Diaeresis (Umlaut)</u>	0104
	U+00A9	©	0169	©	<u>Copyright sign</u>	0105
	U+00AA	ª	0170	ª	<u>Feminine Ordinal Indicator</u>	0106
	U+00AB	«	0171	«	<u>Left-pointing double angle quotation mark</u>	0107
	U+00AC	¬	0172	¬	<u>Not sign</u>	0108
	U+00AD		0173	­	<u>Soft hyphen</u>	0109
	U+00AE	®	0174	®	<u>Registered sign</u>	0110
	U+00AF	—	0175	¯	<u>macron</u>	0111
	U+00B0	°	0176	°	<u>Degree symbol</u>	0112
	U+00B1	±	0177	±	<u>Plus-minus sign</u>	0113
	U+00B2	²	0178	²	<u>Superscript two</u>	0114
	U+00B3	³	0179	³	<u>Superscript three</u>	0115
	U+00B4	´	0180	´	<u>Acute accent</u>	0116
	U+00B5	μ	0181	µ	<u>Micro sign</u>	0117
	U+00B6	¶	0182	¶	<u>Pilcrow sign</u>	0118
	U+00B7	·	0183	·	<u>Middle dot</u>	0119
	U+00B8	¸	0184	¸	<u>Cedilla</u>	0120
	U+00B9	¹	0185	¹	<u>Superscript one</u>	0121
	U+00BA	º	0186	º	<u>Masculine ordinal indicator</u>	0122
	U+00BB	»	0187	»	<u>Right-pointing double angle quotation mark</u>	0123
	U+00BC	¼	0188	¼	<u>Vulgar fraction one quarter</u>	0124
	U+00BD	½	0189	½	<u>Vulgar fraction one half</u>	0125
	U+00BE	¾	0190	¾	<u>Vulgar fraction three quarters</u>	0126
	U+00BF	¿	0191	?	<u>Inverted Question Mark</u>	0127
Letters: Uppercase	U+00C0	À	0192	À	<u>Latin Capital Letter A with grave</u>	0128
	U+00C1	Á	0193	Á	<u>Latin Capital letter A with acute</u>	0129
	U+00C2	Â	0194	Â	<u>Latin Capital letter A with circumflex</u>	0130
	U+00C3	Ã	0195	Ã	<u>Latin Capital letter A with tilde</u>	0131
	U+00C4	Ä	0196	Ä	<u>Latin Capital letter A with diaeresis</u>	0132
	U+00C5	Å	0197	Å	<u>Latin Capital letter A with ring above</u>	0133
	U+00C6	Æ	0198	Æ	<u>Latin Capital letter Æ</u>	0134
	U+00C7	Ç	0199	Ç	<u>Latin Capital letter C with cedilla</u>	0135
	U+00C8	È	0200	È	<u>Latin Capital letter E with grave</u>	0136
	U+00C9	É	0201	É	<u>Latin Capital letter E with acute</u>	0137
	U+00CA	Ê	0202	Ê	<u>Latin Capital letter E with circumflex</u>	0138
	U+00CB	Ë	0203	Ë	<u>Latin Capital letter E with diaeresis</u>	0139
	U+00CC	Ì	0204	Ì	<u>Latin Capital letter I with grave</u>	0140
	U+00CD	Í	0205	Í	<u>Latin Capital letter I with acute</u>	0141
	U+00CE	Î	0206	Î	<u>Latin Capital letter I with circumflex</u>	0142
	U+00CF	Ï	0207	Ï	<u>Latin Capital letter I with diaeresis</u>	0143
	U+00D0	Ð	0208	Ð	<u>Latin Capital letter Eth</u>	0144
	U+00D1	Ñ	0209	Ñ	<u>Latin Capital letter N with tilde</u>	0145
	U+00D2	Ò	0210	Ò	<u>Latin Capital letter O with grave</u>	0146
	U+00D3	Ó	0211	Ó	<u>Latin Capital letter O with acute</u>	0147
	U+00D4	Ô	0212	Ô	<u>Latin Capital letter O with circumflex</u>	0148

	Code	Glyph	Decimal	HTML	Description	#
	U+00D5	Ō	0213	Õ	<u>Latin Capital letter O with tilde</u>	0149
	U+00D6	Ö	0214	Ö	<u>Latin Capital letter O with diaeresis</u>	0150
Math	U+00D7	×	0215	×	<u>Multiplication sign</u>	0151
Letters: Uppercase	U+00D8	Ø	0216	Ø	<u>Latin Capital letter O with stroke</u>	0152
	U+00D9	Û	0217	Ù	<u>Latin Capital letter U with grave</u>	0153
	U+00DA	Ú	0218	Ú	<u>Latin Capital letter U with acute</u>	0154
	U+00DB	Û	0219	Û	<u>Latin Capital Letter U with circumflex</u>	0155
	U+00DC	Ü	0220	Ü	<u>Latin Capital Letter U with diaeresis</u>	0156
	U+00DD	Ý	0221	Ý	<u>Latin Capital Letter Y with acute</u>	0157
	U+00DE	Þ	0222	Þ	<u>Latin Capital Letter Thorn</u>	0158
Letters: Lowercase	U+00DF	ß	0223	ß	<u>Latin Small Letter sharp S</u>	0159
	U+00E0	à	0224	à	Latin Small Letter A with grave	0160
	U+00E1	á	0225	á	Latin Small Letter A with acute	0161
	U+00E2	â	0226	â	Latin Small Letter A with circumflex	0162
	U+00E3	ã	0227	ã	Latin Small Letter A with tilde	0163
	U+00E4	ä	0228	ä	Latin Small Letter A with diaeresis	0164
	U+00E5	å	0229	å	Latin Small Letter A with ring above	0165
	U+00E6	æ	0230	æ	Latin Small Letter Æ	0166
	U+00E7	ç	0231	ç	Latin Small Letter C with cedilla	0167
	U+00E8	è	0232	è	Latin Small Letter E with grave	0168
	U+00E9	é	0233	é	Latin Small Letter E with acute	0169
	U+00EA	ê	0234	ê	Latin Small Letter E with circumflex	0170
	U+00EB	ë	0235	ë	Latin Small Letter E with diaeresis	0171
	U+00EC	ì	0236	ì	Latin Small Letter I with grave	0172
	U+00ED	í	0237	í	Latin Small Letter I with acute	0173
	U+00EE	î	0238	î	Latin Small Letter I with circumflex	0174
	U+00EF	ï	0239	ï	Latin Small Letter I with diaeresis	0175
	U+00F0	ð	0240	ð	Latin Small Letter Eth	0176
	U+00F1	ñ	0241	ñ	Latin Small Letter N with tilde	0177
	U+00F2	ò	0242	ò	Latin Small Letter O with grave	0178
	U+00F3	ó	0243	ó	Latin Small Letter O with acute	0179
	U+00F4	ô	0244	ô	Latin Small Letter O with circumflex	0180
	U+00F5	õ	0245	õ	Latin Small Letter O with tilde	0181
	U+00F6	ö	0246	ö	Latin Small Letter O with diaeresis	0182
Math	U+00F7	÷	0247	÷	<u>Division sign</u>	0183
Letters: Lowercase	U+00F8	ø	0248	ø	Latin Small Letter O with stroke	0184
	U+00F9	ù	0249	ù	Latin Small Letter U with grave	0185
	U+00FA	ú	0250	ú	Latin Small Letter U with acute	0186
	U+00FB	û	0251	û	Latin Small Letter U with circumflex	0187
	U+00FC	ü	0252	ü	Latin Small Letter U with diaeresis	0188
	U+00FD	ý	0253	ý	Latin Small Letter Y with acute	0189
	U+00FE	þ	0254	þ	Latin Small Letter Thorn	0190
	U+00FF	ÿ	0255	ÿ	Latin Small Letter Y with diaeresis	0191
	Code	Glyph	Decimal	HTML	Description	#

Latin Extended-A

128 characters; all belong to the Latin script.

	Code	Glyph	Decimal	HTML	Description	#
European Latin	U+0100	Ā	256	Ā	<u>Latin Capital Letter A with macron</u>	0192
	U+0101	ā	257	ā	<u>Latin Small Letter A with macron</u>	0193
	U+0102	Ă	258	Ă	<u>Latin Capital Letter A with breve</u>	0194
	U+0103	ă	259	ă	<u>Latin Small Letter A with breve</u>	0195
	U+0104	Ą	260	Ą	<u>Latin Capital Letter A with ogonek</u>	0196
	U+0105	ą	261	ą	<u>Latin Small Letter A with ogonek</u>	0197
	U+0106	Ĉ	262	Ć	<u>Latin Capital Letter C with acute</u>	0198
	U+0107	ĉ	263	ć	<u>Latin Small Letter C with acute</u>	0199
	U+0108	Ĉ	264	Ĉ	<u>Latin Capital Letter C with circumflex</u>	0200
	U+0109	ĉ	265	ĉ	<u>Latin Small Letter C with circumflex</u>	0201
	U+010A	Ċ	266	Ċ	<u>Latin Capital Letter C with dot above</u>	0202
	U+010B	ċ	267	ċ	<u>Latin Small Letter C with dot above</u>	0203
	U+010C	Č	268	Č	<u>Latin Capital Letter C with caron</u>	0204
	U+010D	č	269	č	<u>Latin Small Letter C with caron</u>	0205
	U+010E	Ď	270	Ď	<u>Latin Capital Letter D with caron</u>	0206
	U+010F	ď	271	ď	<u>Latin Small Letter D with caron</u>	0207
	U+0110	Ð	272	Đ	<u>Latin Capital Letter D with stroke</u>	0208
	U+0111	ð	273	đ	<u>Latin Small Letter D with stroke</u>	0209
	U+0112	Ē	274	Ē	<u>Latin Capital Letter E with macron</u>	0210
	U+0113	ē	275	ē	<u>Latin Small Letter E with macron</u>	0211
	U+0114	Ĕ	276	&Ebreve;	<u>Latin Capital Letter E with breve</u>	0212
	U+0115	ĕ	277	&ebreve;	<u>Latin Small Letter E with breve</u>	0213
	U+0116	Ė	278	Ė	<u>Latin Capital Letter E with dot above</u>	0214
	U+0117	ė	279	ė	<u>Latin Small Letter E with dot above</u>	0215
	U+0118	Ę	280	Ę	<u>Latin Capital Letter E with ogonek</u>	0216
	U+0119	ę	281	ę	<u>Latin Small Letter E with ogonek</u>	0217
	U+011A	Ě	282	Ě	<u>Latin Capital Letter E with caron</u>	0218
	U+011B	ě	283	ě	<u>Latin Small Letter E with caron</u>	0219
	U+011C	Ĝ	284	Ĝ	<u>Latin Capital Letter G with circumflex</u>	0220
	U+011D	ĝ	285	ĝ	<u>Latin Small Letter G with circumflex</u>	0221
	U+011E	Ğ	286	Ğ	<u>Latin Capital Letter G with breve</u>	0222
	U+011F	ğ	287	ğ	<u>Latin Small Letter G with breve</u>	0223
	U+0120	Ġ	288	Ġ	<u>Latin Capital Letter G with dot above</u>	0224
	U+0121	ġ	289	ġ	<u>Latin Small Letter G with dot above</u>	0225
	U+0122	Ģ	290	Ģ	<u>Latin Capital Letter G with cedilla</u>	0226
	U+0123	ģ	291		<u>Latin Small Letter G with cedilla</u>	0227
	U+0124	Ĥ	292	Ĥ	<u>Latin Capital Letter H with circumflex</u>	0228
	U+0125	ĥ	293	ĥ	<u>Latin Small Letter H with circumflex</u>	0229
	U+0126	Ħ	294	Ħ	<u>Latin Capital Letter H with stroke</u>	0230
	U+0127	ħ	295	ħ	<u>Latin Small Letter H with stroke</u>	0231
	U+0128	İ	296	Ĩ	<u>Latin Capital Letter I with tilde</u>	0232
	U+0129	ı	297	ĩ	<u>Latin Small Letter I with tilde</u>	0233
	U+012A	Ī	298	Ī	<u>Latin Capital Letter I with macron</u>	0234
	U+012B	ī	299	ī	<u>Latin Small Letter I with macron</u>	0235
	U+012C	Ĭ	300	&Ibreve;	<u>Latin Capital Letter I with breve</u>	0236
	U+012D	ĭ	301	&ibreve;	<u>Latin Small Letter I with breve</u>	0237
	U+012E	Į	302	Į	<u>Latin Capital Letter I with ogonek</u>	0238
	U+012F	į	303	į	<u>Latin Small Letter I with ogonek</u>	0239
	U+0130	Ĳ	304	İ	<u>Latin Capital Letter I with dot above</u>	0240
	U+0131	ı	305	ı	<u>Latin Small Letter dotless I</u>	0241
	U+0132	IJ	306	Ĳ	<u>Latin Capital Ligature IJ</u>	0242
	U+0133	ij	307	ĳ	<u>Latin Small Ligature IJ</u>	0243
	U+0134	Ĵ	308	Ĵ	<u>Latin Capital Letter J with circumflex</u>	0244

	Code	Glyph	Decimal	HTML	Description	#
	U+0135	Ĵ	309	ĵ	Latin Small Letter J with circumflex	0245
	U+0136	Ķ	310	Ķ	Latin Capital Letter K with cedilla	0246
	U+0137	ķ	311	ķ	Latin Small Letter K with cedilla	0247
	U+0138	κ	312		Latin Small Letter Kra	0248
	U+0139	Ĺ	313	Ĺ	Latin Capital Letter L with acute	0249
	U+013A	ĺ	314	ĺ	Latin Small Letter L with acute	0250
	U+013B	Ł	315	Ļ	Latin Capital Letter L with cedilla	0251
	U+013C	ł	316	ļ	Latin Small Letter L with cedilla	0252
	U+013D	Ľ	317	Ľ	Latin Capital Letter L with caron	0253
	U+013E	ľ	318	ľ	Latin Small Letter L with caron	0254
	U+013F	Ľ	319		Latin Capital Letter L with middle dot	0255
	U+0140	ľ	320		Latin Small Letter L with middle dot	0256
	U+0141	Ł	321	Ł	Latin Capital Letter L with stroke	0257
	U+0142	ł	322	ł	Latin Small Letter L with stroke	0258
	U+0143	Ń	323	Ń	Latin Capital Letter N with acute	0259
	U+0144	ń	324	ń	Latin Small Letter N with acute	0260
	U+0145	Ň	325	Ņ	Latin Capital Letter N with cedilla	0261
	U+0146	ň	326	ņ	Latin Small Letter N with cedilla	0262
Deprecated	U+0147	Ñ	327	Ň	Latin Capital Letter N with caron	0263
	U+0148	ñ	328	ň	Latin Small Letter N with caron	0264
	U+0149	ṅ	329		Latin Small Letter N preceded by apostrophe ^[1]	0265
European Latin	U+014A	Ɖ	330	Ŋ	Latin Capital Letter Eng	0266
	U+014B	ɱ	331	ŋ	Latin Small Letter Eng	0267
	U+014C	Ō	332	Ō	Latin Capital Letter O with macron	0268
	U+014D	ō	333	ō	Latin Small Letter O with macron	0269
	U+014E	Ȫ	334	&Obreve;	Latin Capital Letter O with breve	0270
	U+014F	ȯ	335	&obreve;	Latin Small Letter O with breve	0271
	U+0150	Ȫ	336	Ő	Latin Capital Letter O with double acute	0272
	U+0151	ȯ	337	ő	Latin Small Letter O with double acute	0273
	U+0152	Œ	338	Œ	Latin Capital Ligature OE	0274
	U+0153	œ	339	œ	Latin Small Ligature OE	0275
	U+0154	Ŕ	340	Ŕ	Latin Capital Letter R with acute	0276
	U+0155	ř	341	ŕ	Latin Small Letter R with acute	0277
	U+0156	Ŗ	342	Ŗ	Latin Capital Letter R with cedilla	0278
	U+0157	ŗ	343	ŗ	Latin Small Letter R with cedilla	0279
	U+0158	Ř	344	Ř	Latin Capital Letter R with caron	0280
	U+0159	ř	345	ř	Latin Small Letter R with caron	0281
	U+015A	Ŝ	346	Ś	Latin Capital Letter S with acute	0282
	U+015B	ś	347	ś	Latin Small Letter S with acute	0283
	U+015C	Ŝ	348	Ŝ	Latin Capital Letter S with circumflex	0284
	U+015D	ŝ	349	ŝ	Latin Small Letter S with circumflex	0285
	U+015E	Ş	350	Ş	Latin Capital Letter S with cedilla	0286
	U+015F	ş	351	ş	Latin Small Letter S with cedilla	0287
	U+0160	Š	352	Š	Latin Capital Letter S with caron	0288
	U+0161	š	353	š	Latin Small Letter S with caron	0289
	U+0162	Ţ	354	Ţ	Latin Capital Letter T with cedilla	0290
	U+0163	ţ	355	ţ	Latin Small Letter T with cedilla	0291
	U+0164	Ț	356	Ť	Latin Capital Letter T with caron	0292
	U+0165	ț	357	ť	Latin Small Letter T with caron	0293
	U+0166	Ț	358	Ŧ	Latin Capital Letter T with stroke	0294
	U+0167	ț	359	ŧ	Latin Small Letter T with stroke	0295
	U+0168	Ů	360	Ũ	Latin Capital Letter U with tilde	0296
	U+0169	ů	361	ũ	Latin Small Letter U with tilde	0297

	Code	Glyph	Decimal	HTML	Description	#
	U+016A	Ū	362	Ū	Latin Capital Letter U with macron	0298
	U+016B	ū	363	ū	Latin Small Letter U with macron	0299
	U+016C	Ŭ	364	Ŭ	Latin Capital Letter U with breve	0300
	U+016D	ū	365	ŭ	Latin Small Letter U with breve	0301
	U+016E	Ů	366	Ů	Latin Capital Letter U with ring above	0302
	U+016F	ů	367	ů	Latin Small Letter U with ring above	0303
	U+0170	Ű	368	Ű	Latin Capital Letter U with <u>double acute</u>	0304
	U+0171	ű	369	ű	Latin Small Letter U with <u>double acute</u>	0305
	U+0172	Ų	370	Ų	Latin Capital Letter U with ogonek	0306
	U+0173	u	371	ų	Latin Small Letter U with ogonek	0307
	U+0174	Ŵ	372	Ŵ	Latin Capital Letter W with circumflex	0308
	U+0175	w	373	ŵ	Latin Small Letter W with circumflex	0309
	U+0176	Ŷ	374	Ŷ	Latin Capital Letter Y with circumflex	0310
	U+0177	y	375	ŷ	Latin Small Letter Y with circumflex	0311
	U+0178	Ÿ	376	Ÿ	Latin Capital Letter Y with diaeresis	0312
	U+0179	Ž	377	Ź	Latin Capital Letter Z with <u>acute</u>	0313
	U+017A	ž	378	ź	Latin Small Letter Z with acute	0314
	U+017B	Ž	379	Ż	Latin Capital Letter Z with dot above	0315
	U+017C	ž	380	ż	Latin Small Letter Z with dot above	0316
	U+017D	Ž	381	Ž	Latin Capital Letter Z with <u>caron</u>	0317
	U+017E	ž	382	ž	Latin Small Letter Z with caron	0318
	U+017F	ſ	383		Latin Small Letter <u>long S</u>	0319
	Code	Glyph	Decimal	HTML	Description	#

Latin Extended-B

208 characters; all belong to the Latin script; 33 in the MES-2 subset.

	Code	Glyph	Decimal	Description	#	MES-2 Rationale
Non-European & historic Latin	U+0180	Ḅ	384	Latin Small Letter B with stroke		
	U+0181	Ḃ	385	Latin Capital Letter B with hook		
	U+0182	Ḣ	386	Latin Capital Letter B with top bar		
	U+0183	Ḅ	387	Latin Small Letter B with top bar		
	U+0184	Ḅ	388	Latin Capital Letter Tone Six		
	U+0185	Ḅ	389	Latin Small Letter Tone Six		
	U+0186	Ḫ	390	Latin Capital Letter Open O		
	U+0187	Ḭ	391	Latin Capital Letter C with hook		
	U+0188	Ḭ	392	Latin Small Letter C with hook		
	U+0189	Ḭ	393	Latin Capital Letter African D		
	U+018A	Ḭ	394	Latin Capital Letter D with hook		
	U+018B	Ḭ	395	Latin Capital Letter D with top bar		
	U+018C	Ḭ	396	Latin Small Letter D with top bar		
	U+018D	Ḭ	397	Latin Small Letter Turned Delta		
	U+018E	Ḭ	398	Latin Capital Letter Reversed E		
	U+018F	Ḭ	399	Latin Capital Letter Schwa	0320	for Azerbaijani
	U+0190	Ḭ	400	Latin Capital Letter Open E		
	U+0191	Ḭ	401	Latin Capital Letter F with hook		
	U+0192	Ḭ	402	Latin Small Letter F with hook	0321	in WGL4
	U+0193	Ḭ	403	Latin Capital Letter G with hook		
	U+0194	Ḭ	404	Latin Capital Letter Gamma		
	U+0195	Ḭ	405	Latin Small Letter HV		
	U+0196	Ḭ	406	Latin Capital Letter Iota		
	U+0197	Ḭ	407	Latin Capital Letter I with stroke		
	U+0198	Ḭ	408	Latin Capital Letter K with hook		
	U+0199	Ḭ	409	Latin Small Letter K with hook		
	U+019A	Ḭ	410	Latin Small Letter L with bar		
	U+019B	Ḭ	411	Latin Small Letter Lambda with stroke		
	U+019C	Ḭ	412	Latin Capital Letter Turned M		
	U+019D	Ḭ	413	Latin Capital Letter N with left hook		
	U+019E	Ḭ	414	Latin Small Letter N with long right leg		
	U+019F	Ḭ	415	Latin Capital Letter O with middle tilde		
	U+01A0	Ḭ	416	Latin Capital Letter O with horn		
	U+01A1	Ḭ	417	Latin Small Letter O with horn		
	U+01A2	Ḭ	418	Latin Capital Letter Oi (= Latin Capital Letter Gha)		
	U+01A3	Ḭ	419	Latin Small Letter Oi (= Latin Small Letter Gha)		
	U+01A4	Ḭ	420	Latin Capital Letter P with hook		
	U+01A5	Ḭ	421	Latin Small Letter P with hook		
	U+01A6	Ḭ	422	Latin Letter YR		
	U+01A7	Ḭ	423	Latin Capital Letter Tone Two		
	U+01A8	Ḭ	424	Latin Small Letter Tone Two		
	U+01A9	Ḭ	425	Latin Capital Letter Esh		
	U+01AA	Ḭ	426	Latin Letter Reversed Esh Loop		
	U+01AB	Ḭ	427	Latin Small Letter T with palatal hook		
	U+01AC	Ḭ	428	Latin Capital Letter T with hook		
	U+01AD	Ḭ	429	Latin Small Letter T with hook		
	U+01AE	Ḭ	430	Latin Capital Letter T with retroflex hook		
	U+01AF	Ḭ	431	Latin Capital Letter U with horn		
	U+01B0	Ḭ	432	Latin Small Letter U with horn		
	U+01B1	Ḭ	433	Latin Capital Letter Upsilon		
	U+01B2	Ḭ	434	Latin Capital Letter V with hook		
	U+01B3	Ḭ	435	Latin Capital Letter Y with hook		
	U+01B4	Ḭ	436	Latin Small Letter Y with hook		

	Code	Glyph	Decimal	Description	#	MES-2 Rationale
	U+01B5	Ƶ	437	<u>Latin Capital Letter Z with stroke</u>	0322	for <u>Sami</u>
	U+01B6	ƶ	438	Latin Small Letter Z with stroke		
	U+01B7	Ʒ	439	Latin Capital Letter Ezh		
	U+01B8	Ƹ	440	<u>Latin Capital Letter Ezh reversed</u>		
	U+01B9	ƹ	441	Latin Small Letter Ezh reversed		
	U+01BA	ƺ	442	Latin Small Letter Ezh with tail		
	U+01BB	ƻ	443	Latin Letter Two with stroke		
	U+01BC	Ƽ	444	<u>Latin Capital Letter Tone Five</u>		
	U+01BD	ƽ	445	Latin Small Letter Tone Five		
	U+01BE	ƿ	446	Latin Letter Inverted Glottal Stop with stroke		
	U+01BF	ƾ	447	<u>Latin Letter Wynn</u>		
African clicks	U+01C0	ɀ	448	<u>Latin Letter Dental Click</u>		
	U+01C1	Ɂ	449	<u>Latin Letter Lateral Click</u>		
	U+01C2	ɂ	450	<u>Latin Letter Alveolar Click</u>		
	U+01C3	Ƀ	451	<u>Latin Letter Retroflex Click</u>		
Croatian	U+01C4	DŽ	452	<u>Latin Capital Letter DZ with caron</u>		
	U+01C5	Dž	453	Latin Capital Letter D with Small Letter Z with caron		
	U+01C6	dž	454	Latin Small Letter DZ with caron		
	U+01C7	LJ	455	<u>Latin Capital Letter LJ</u>		
	U+01C8	Lj	456	Latin Capital Letter L with Small Letter J		
	U+01C9	lj	457	Latin Small Letter LJ		
	U+01CA	NJ	458	Latin Capital Letter NJ		
	U+01CB	Nj	459	Latin Capital Letter N with Small Letter J		
Pinyin	U+01CC	nj	460	Latin Small Letter NJ		
	U+01CD	Ā	461	Latin Capital Letter A with caron		
	U+01CE	ā	462	Latin Small Letter A with caron		
	U+01CF	Ĭ	463	Latin Capital Letter I with caron		
	U+01D0	ĭ	464	Latin Small Letter I with caron		
	U+01D1	Ŏ	465	Latin Capital Letter O with caron		
	U+01D2	ŏ	466	Latin Small Letter O with caron		
	U+01D3	Ŭ	467	Latin Capital Letter U with caron		
	U+01D4	ŭ	468	Latin Small Letter U with caron		
	U+01D5	Ū	469	Latin Capital Letter U with diaeresis and macron		
	U+01D6	ū	470	Latin Small Letter U with diaeresis and macron		
	U+01D7	Ů	471	Latin Capital Letter U with diaeresis and acute		
	U+01D8	ů	472	Latin Small Letter U with diaeresis and acute		
	U+01D9	Ű	473	Latin Capital Letter U with diaeresis and caron		
	U+01DA	ű	474	Latin Small Letter U with diaeresis and caron		
	U+01DB	Û	475	Latin Capital Letter U with diaeresis and grave		
	U+01DC	ü	476	Latin Small Letter U with diaeresis and grave		
	U+01DD	Ǝ	477	Latin Small Letter Turned E	0323	for <u>Sami</u>
	U+01DE	Ă	478	Latin Capital Letter A with diaeresis and macron		
	U+01DF	ă	479	Latin Small Letter A with diaeresis and macron		
	U+01E0	Ȧ	480	Latin Capital Letter A with dot above and macron		
	U+01E1	ȧ	481	Latin Small Letter A with dot above and macron		
	U+01E2	Æ	482	Latin Capital Letter Æ with macron		
	U+01E3	æ	483	Latin Small Letter Æ with macron		
	U+01E4	Ɠ	484	Latin Capital Letter G with stroke		
	U+01E5	ƣ	485	Latin Small Letter G with stroke		
	U+01E6	Ǧ	486	Latin Capital Letter G with caron		
	U+01E7	ǧ	487	Latin Small Letter G with caron		
	U+01E8	Ǭ	488	Latin Capital Letter K with caron		
	U+01E9	ǭ	489	Latin Small Letter K with caron		

	Code	Glyph	Decimal	Description	#	MES-2 Rationale
Phonetic & historic letters	U+01EA	Ų	490	Latin Capital Letter O with ogonek	0335	
	U+01EB	ų	491	Latin Small Letter O with ogonek	0336	
	U+01EC	Ų̄	492	Latin Capital Letter O with ogonek and macron	0337	
	U+01ED	ų̄	493	Latin Small Letter O with ogonek and macron	0338	
	U+01EE	Ž	494	Latin Capital Letter Ezh with caron	0339	
	U+01EF	ž	495	Latin Small Letter Ezh with caron	0340	
	U+01F0	Ј	496	Latin Small Letter J with caron		
	U+01F1	DZ	497	Latin Capital Letter DZ		
	U+01F2	Dz	498	Latin Capital Letter D with Small Letter Z		
	U+01F3	dz	499	Latin Small Letter DZ		
	U+01F4	Ġ	500	Latin Capital Letter G with acute		
	U+01F5	ġ	501	Latin Small Letter G with acute		
	U+01F6	Hu	502	Latin Capital Letter Hwair		
	U+01F7	ƿ	503	Latin Capital Letter Wynn		
	U+01F8	Ñ	504	Latin Capital Letter N with grave		
	U+01F9	ñ	505	Latin Small Letter N with grave		
	U+01FA	Á	506	Latin Capital Letter A with ring above and acute	0341	in <u>WGL4</u>
	U+01FB	á	507	Latin Small Letter A with ring above and acute	0342	
	U+01FC	Æ	508	Latin Capital Letter Æ with acute	0343	
	U+01FD	æ	509	Latin Small Letter Æ with acute	0344	
	U+01FE	Ø	510	Latin Capital Letter O with stroke and acute	0345	
	U+01FF	ø	511	Latin Small Letter O with stroke and acute	0346	
Slovenian & Croatian	U+0200	Ă	512	Latin Capital Letter A with double grave		
	U+0201	ă	513	Latin Small Letter A with double grave		
	U+0202	Â	514	Latin Capital Letter A with inverted breve		
	U+0203	â	515	Latin Small Letter A with inverted breve		
	U+0204	Ě	516	Latin Capital Letter E with double grave		
	U+0205	ě	517	Latin Small Letter E with double grave		
	U+0206	Ê	518	Latin Capital Letter E with inverted breve		
	U+0207	ê	519	Latin Small Letter E with inverted breve		
	U+0208	Ĭ	520	Latin Capital Letter I with double grave		
	U+0209	ĭ	521	Latin Small Letter I with double grave		
	U+020A	Î	522	Latin Capital Letter I with inverted breve		
	U+020B	î	523	Latin Small Letter I with inverted breve		
	U+020C	Ö	524	Latin Capital Letter O with double grave		
	U+020D	ö	525	Latin Small Letter O with double grave		
	U+020E	Ô	526	Latin Capital Letter O with inverted breve		
	U+020F	ô	527	Latin Small Letter O with inverted breve		
	U+0210	Ř	528	Latin Capital Letter R with double grave		
	U+0211	ř	529	Latin Small Letter R with double grave		
	U+0212	Ŕ	530	Latin Capital Letter R with inverted breve		
	U+0213	ŕ	531	Latin Small Letter R with inverted breve		
	U+0214	Ü	532	Latin Capital Letter U with double grave		
	U+0215	ü	533	Latin Small Letter U with double grave		
	U+0216	Û	534	Latin Capital Letter U with inverted breve		
	U+0217	û	535	Latin Small Letter U with inverted breve		
Romanian	U+0218	Ș	536	<u>Latin Capital Letter S with comma below</u>	0347	for <u>Romanian</u>
	U+0219	ș	537	<u>Latin Small Letter S with comma below</u>	0348	
	U+021A	Ț	538	<u>Latin Capital Letter T with comma below</u>	0349	
	U+021B	ț	539	<u>Latin Small Letter T with comma below</u>	0350	
	U+021C	Ʒ	540	<u>Latin Capital Letter Yogh</u>		
	U+021D	Ʒ	541	<u>Latin Small Letter Yogh</u>		
	U+021E	Ħ	542	Latin Capital Letter H with caron	0351	

	Code	Glyph	Decimal	Description	#	for Finnish, Romani, Scots MES-2 Rationale
Miscellaneous	U+021F	ħ	543	Latin Small Letter H with caron	0352	
	U+0220	Ŋ	544	Latin Capital Letter N with long right leg		
	U+0221	ꞥ	545	Latin Small Letter D with curl		
	U+0222	8	546	Latin Capital Letter OU		
	U+0223	8	547	Latin Small Letter OU		
	U+0224	Ƶ	548	Latin Capital Letter Z with hook		
	U+0225	ƶ	549	Latin Small Letter Z with hook		
	U+0226	Ȧ	550	Latin Capital Letter A with dot above		
	U+0227	ȧ	551	Latin Small Letter A with dot above		
	U+0228	Ɛ	552	Latin Capital Letter E with cedilla		
	U+0229	ɛ	553	Latin Small Letter E with cedilla		
Livonian	U+022A	Ȫ	554	Latin Capital Letter O with diaeresis and macron		
	U+022B	ȫ	555	Latin Small Letter O with diaeresis and macron		
	U+022C	Ȭ	556	Latin Capital Letter O with tilde and macron		
	U+022D	ȭ	557	Latin Small Letter O with tilde and macron		
	U+022E	Ȯ	558	Latin Capital Letter O with dot above		
	U+022F	ȯ	559	Latin Small Letter O with dot above		
	U+0230	Ȱ	560	Latin Capital Letter O with dot above and macron		
	U+0231	ȱ	561	Latin Small Letter O with dot above and macron		
	U+0232	Ȳ	562	Latin Capital Letter Y with macron		
	U+0233	ȳ	563	Latin Small Letter Y with macron		
Sinology	U+0234	Ł	564	Latin Small Letter L with curl		
	U+0235	Ņ	565	Latin Small Letter N with curl		
	U+0236	ł	566	Latin Small Letter T with curl		
Miscellaneous	U+0237	Ј	567	Latin Small Letter Dotless J		
	U+0238	Ƅ	568	Latin Small Letter DB Digraph		
	U+0239	Ɔ	569	Latin Small Letter QP Digraph		
	U+023A	Ⱥ	570	Latin Capital Letter A with stroke		
	U+023B	Ȼ	571	Latin Capital Letter C with stroke		
	U+023C	ȼ	572	Latin Small Letter C with stroke		
	U+023D	Ł	573	Latin Capital Letter L with bar		
	U+023E	Ȧ	574	Latin Capital Letter T with diagonal stroke		
	U+023F	ꞥ	575	Latin Small Letter S with swash tail		
	U+0240	Ʒ	576	Latin Small Letter Z with swash tail		
	U+0241	Ɓ	577	Latin Capital Letter Glottal Stop		
	U+0242	Ƀ	578	Latin Small Letter Glottal Stop		
	U+0243	Ɓ	579	Latin Capital Letter B with stroke		
	U+0244	Ɓ	580	Latin Capital Letter U bar		
	U+0245	Λ	581	Latin Capital Letter Turned V		
	U+0246	Ǝ	582	Latin Capital Letter E with stroke		
	U+0247	Ɇ	583	Latin Small Letter E with stroke		
	U+0248	Ɔ	584	Latin Capital Letter J with stroke		
	U+0249	Ɔ	585	Latin Small Letter J with stroke		
	U+024A	Ɔ	586	Latin Capital Letter Q with hook tail		
	U+024B	Ɔ	587	Latin Small Letter Q with hook tail		
	U+024C	Ɔ	588	Latin Capital Letter R with stroke		
	U+024D	Ɔ	589	Latin Small Letter R with stroke		
	U+024E	Ȳ	590	Latin Capital Letter Y with stroke		
	U+024F	ȳ	591	Latin Small Letter Y with stroke		
	Code	Glyph	Decimal	Description	#	MES-2 Rationale

Latin Extended Additional

256 characters; all belong to the Latin script; 23 in the MES-2 subset. For the rest, see [Latin Extended Additional \(Unicode block\)](#).

Code	Glyph	Decimal	Description	#	#	MES-2 Rationale
U+1E02	Ĭ		Latin Capital Letter B with dot above	0647	ISO 8859-14	
U+1E03	ĳ		Latin Small Letter B with dot above	0648		
U+1E0A	Ĭ		Latin Capital Letter D with dot above	0649		
U+1E0B	ĳ		Latin Small Letter D with dot above	0650		
U+1E1E	Ĭ		Latin Capital Letter F with dot above	0651		
U+1E1F	ĳ		Latin Small Letter F with dot above	0652		
U+1E40	Ĭ		Latin Capital Letter M with dot above	0653		
U+1E41	ĳ		Latin Small Letter M with dot above	0654		
U+1E56	Ĭ		Latin Capital Letter P with dot above	0655		
U+1E57	ĳ		Latin Small Letter P with dot above	0656		
U+1E60	Ĭ		Latin Capital Letter S with dot above	0657		
U+1E61	ĳ		Latin Small Letter S with dot above	0658		
U+1E6A	Ĭ		Latin Capital Letter T with dot above	0659		
U+1E6B	ĳ		Latin Small Letter T with dot above	0660		
U+1E80	Ŵ		Latin Capital Letter W with grave	0661	in WGL4	
U+1E81	ŵ		Latin Small Letter W with grave	0662		
U+1E82	Ŵ		Latin Capital Letter W with acute	0663		
U+1E83	ŵ		Latin Small Letter W with acute	0664		
U+1E84	Ŵ		Latin Capital Letter W with diaeresis	0665		
U+1E85	ŵ		Latin Small Letter W with diaeresis	0666		
U+1E9B	ẛ		Latin Small Letter Long S with dot above	0667	for Fraktur, Irish Gaelic, Old English	
U+1EF2	Ỳ		Latin Capital Letter Y with grave	0668	in WGL4	
U+1EF3	ỳ		Latin Small Letter Y with grave	0669		
Code	Glyph	Description		#	MES-2 Rationale	

Additional Latin Extended

- [Latin Extended-C \(Unicode block\)](#)
- [Latin Extended-D \(Unicode block\)](#)
- [Latin Extended-E \(Unicode block\)](#)

Phonetic scripts

IPA Extensions

96 characters; all belong to the Latin script; three in the MES-2 subset. For the rest, see [IPA Extensions \(Unicode block\)](#).

Code	Glyph	Decimal	Description	#	MES-2 Rationale
U+0259	ə	601	Latin Small Letter Schwa	0353	for Azerbaijani
U+027C	ɾ	636	Latin Small Letter R with long leg	0354	for Irish Gaelic
U+0292	ɀ	658	Latin Small Letter Ezh	0355	for Sami
Code	Glyph	Decimal	Description	#	MES-2 Rationale

Spacing modifier letters

80 characters; 15 in the MES-2 subset.

Code	Glyph	Decimal	Description	#	MES-2 Rationale
U+02B0	h	688	Modifier Letter Small H		
U+02B1	h̃	689	Modifier Letter Small H with hook		
U+02B2	j	690	Modifier Letter Small J		
U+02B3	r	691	Modifier Letter Small R		
U+02B4	ɹ	692	Modifier Letter Small Turned R		
U+02B5	ɻ	693	Modifier Letter Small Turned R with hook		
U+02B6	ʁ	694	Modifier Letter Small Capital Inverted R		
U+02B7	w	695	Modifier Letter Small W		
U+02B8	y	696	Modifier Letter Small Y		
U+02B9	ʼ	697	Modifier Letter Prime		
U+02BA	ʹ	698	Modifier Letter Double Prime		
U+02BB	ˆ	699	Modifier Letter Turned Comma	0356	in Sami
U+02BC	ʼ	700	Modifier Letter Apostrophe	0357	in ISO/IEC 8859-7
U+02BD	ˆ	701	Modifier Letter Reversed Comma	0358	
U+02BE	ʼ	702	Modifier Letter Right Half Ring		
U+02BF	ˆ	703	Modifier Letter Left Half Ring		
U+02C0	ʔ	704	Modifier Letter <u>Glottal Stop</u>		
U+02C1	ʔ̥	705	Modifier Letter Reversed <u>Glottal Stop</u>		
U+02C2	<	706	Modifier Letter Left Arrowhead		
U+02C3	>	707	Modifier Letter Right Arrowhead		
U+02C4	^	708	Modifier Letter Up Arrowhead		
U+02C5	v	709	Modifier Letter Down Arrowhead		
U+02C6	^	710	Modifier Letter Circumflex Accent	0359	in WGL4
U+02C7	˘	711	<u>Caron</u>	0360	
U+02C8	ˆ	712	Modifier Letter Vertical Line	0361	in WGL4
U+02C9	ˉ	713	Modifier Letter Macron		
U+02CA	ˆ	714	Modifier Letter Acute Accent		
U+02CB	˘	715	Modifier Letter Grave Accent		
U+02CC	˙	716	Modifier Letter Low Vertical Line		
U+02CD	˘	717	Modifier Letter Low Macron		
U+02CE	˘	718	Modifier Letter Low Grave Accent		
U+02CF	˙	719	Modifier Letter Low Acute Accent		
U+02D0	ː	720	Modifier Letter Triangular Colon		
U+02D1	ˑ	721	Modifier Letter Half Triangular Colon		
U+02D2	˙	722	Modifier Letter Centered Right Half Ring		
U+02D3	˙	723	Modifier Letter Centered Left Half Ring		
U+02D4	ˆ	724	Modifier Letter Up Tack		
U+02D5	˙	725	Modifier Letter Down Tack		
U+02D6	+	726	Modifier Letter Plus Sign	0362	in WGL4 (?)
U+02D7	-	727	Modifier Letter Minus Sign	0363	in WGL4
U+02D8	˘	728	<u>Breve</u>		
U+02D9	˙	729	Dot Above		
U+02DA	˚	730	Ring Above		
U+02DB	˙	731	<u>Ogonek</u>		
U+02DC	˘	732	Small Tilde		
U+02DD	˝	733	<u>Double Acute Accent</u>		
U+02DE	˘	734	Modifier Letter Rhotic Hook		
U+02DF	˕	735	Modifier Letter Cross Accent	0369	for Swedish dictionary use
U+02E0	ɣ	736	Modifier Letter Small Gamma		
U+02E1	l	737	Modifier Letter Small L		
U+02E2	s	738	Modifier Letter Small S		
U+02E3	x	739	Modifier Letter Small X		
U+02E4	ɥ	740	Modifier Letter Small Reversed Glottal Stop		

Code	Glyph	Decimal	Description	#	MES-2 Rationale
U+02E5	1	741	Modifier Letter Extra-High Tone Bar		
U+02E6	1	742	Modifier Letter High Tone Bar		
U+02E7	1	743	Modifier Letter Mid Tone Bar		
U+02E8	1	744	Modifier Letter Low Tone Bar		
U+02E9	1	745	Modifier Letter Extra-Low Tone Bar		
U+02EA	1	746	Modifier Letter Yin Departing Tone Mark		
U+02EB	1	747	Modifier Letter Yang Departing Tone Mark		
U+02EC	1	748	Modifier Letter Voicing		
U+02ED	1	749	Modifier Letter Unaspirated		
U+02EE	”	750	Modifier Letter Double Apostrophe	0370	for Nenets
U+02EF	↓	751	Modifier Letter Low Down Arrowhead		
U+02F0	↑	752	Modifier Letter Low Up Arrowhead		
U+02F1	↵	753	Modifier Letter Low Left Arrowhead		
U+02F2	↷	754	Modifier Letter Low Right Arrowhead		
U+02F3	◌	755	Modifier Letter Low Ring		
U+02F4	◌	756	Modifier Letter Middle Grave Accent		
U+02F5	◌	757	Modifier Letter Middle Double Grave Accent		
U+02F6	◌	758	Modifier Letter Middle Double Acute Accent		
U+02F7	◌	759	Modifier Letter Low Tilde		
U+02F8	⋮	760	Modifier Letter Raised Colon		
U+02F9	ˆ	761	Modifier Letter Begin High Tone		
U+02FA	˘	762	Modifier Letter End High Tone		
U+02FB	◌	763	Modifier Letter Begin Low Tone		
U+02FC	◌	764	Modifier Letter End Low Tone		
U+02FD	◌	765	Modifier Letter Shelf		
U+02FE	◌	766	Modifier Letter Open Shelf		
U+02FF	↵	767	Modifier Letter Low Left Arrow		
Code	Glyph	Decimal	Description	#	MES-2 Rationale

Phonetic Extensions

- [Phonetic Extensions \(Unicode block\)](#)
- [Phonetic Extensions Supplement \(Unicode block\)](#)

Combining Marks

- [Combining Diacritical Marks \(Unicode block\)](#)
- [Combining Diacritical Marks Extended \(Unicode block\)](#)
- [Combining Half Marks \(Unicode block\)](#)
- [Combining Diacritical Marks Supplement \(Unicode block\)](#)
- [Combining Diacritical Marks for Symbols \(Unicode block\)](#)

Greek and Coptic

144 code points; 135 assigned characters; 85 in the MES-2 subset.

Code	Glyph	Decimal	Description	#
U+0370	Ͱ	880	Greek Capital Letter Heta	·
U+0371	ͱ	881	Greek Small Letter Heta	
U+0372	Ͳ	882	Greek Capital Letter Archaic Sampi	
U+0373	ͳ	883	Greek Small Letter Archaic Sampi	
U+0374	ʹ	884	Greek Numeral Sign	0371
U+0375	͵	885	Greek Lower Numeral Sign	0372
U+0376	Ͷ	886	Greek Capital Letter Pamphylian Digamma	·
U+0377	ͷ	887	Greek Small Letter Pamphylian Digamma	
U+037A	͸	890	Greek <u>Ypogegrammeni</u>	0373
U+037B	͹	891	Greek Small Reversed Lunate Sigma Symbol	·
U+037C	ͺ	892	Greek Small Dotted Lunate Sigma Symbol	
U+037D	ͻ	893	Greek Small Reversed Dotted Lunate Sigma Symbol	
U+037E	ͼ	894	Greek Question Mark	0374
U+037F	ͽ	895	Greek Capital Letter Yot	·
U+0384	Ϳ	900	Greek <u>acute accent</u> (<u>tonos</u>)	0375
U+0385	̀	901	Greek <u>diaeresis</u> with acute accent	0376
U+0386	́	902	Greek Capital Letter A with acute accent	0377
U+0387	͂	903	Greek <u>Ano Teleia</u>	0378
U+0388	̓	904	Greek Capital Letter Epsilon with acute accent	0379
U+0389	̈́	905	Greek Capital Letter Eta with acute accent	0380
U+038A	ͅ	906	Greek Capital Letter Iota with acute accent	0381
U+038C	͆	908	Greek Capital Letter Omicron with acute accent	0382
U+038E	͈	910	Greek Capital Letter Upsilon with acute accent	0383
U+038F	͉	911	Greek Capital Letter Omega with acute accent	0384
U+0390	͊	912	Greek Small Letter Iota with diaeresis and acute accent	0385
U+0391	Α	913	Greek Capital Letter Alpha	0386
U+0392	Β	914	Greek Capital Letter Beta	0387
U+0393	Γ	915	Greek Capital Letter Gamma	0388
U+0394	Δ	916	Greek Capital Letter Delta	0389
U+0395	Ε	917	Greek Capital Letter Epsilon	0390
U+0396	Ζ	918	Greek Capital Letter Zeta	0391
U+0397	Η	919	Greek Capital Letter Eta	0392
U+0398	Θ	920	Greek Capital Letter Theta	0393
U+0399	Ι	921	Greek Capital Letter Iota	0394
U+039A	Κ	922	Greek Capital Letter Kappa	0395
U+039B	Λ	923	Greek Capital Letter Lambda	0396
U+039C	Μ	924	Greek Capital Letter Mu	0397
U+039D	Ν	925	Greek Capital Letter Nu	0398
U+039E	Ξ	926	Greek Capital Letter Xi	0399
U+039F	Ο	927	Greek Capital Letter Omicron	0400
U+03A0	Π	928	Greek Capital Letter Pi	0401
U+03A1	Ρ	929	Greek Capital Letter Rho	0402
U+03A3	Σ	931	Greek Capital Letter Sigma	0403
U+03A4	Τ	932	Greek Capital Letter Tau	0404
U+03A5	Υ	933	Greek Capital Letter Upsilon	0405
U+03A6	Φ	934	Greek Capital Letter Phi	0406
U+03A7	Χ	935	Greek Capital Letter Chi	0407
U+03A8	Ψ	936	Greek Capital Letter Psi	0408
U+03A9	Ω	937	Greek Capital Letter Omega	0409
U+03AA	Ͱ	938	Greek Capital Letter Iota with diaeresis	0410
U+03AB	ͱ	939	Greek Capital Letter Upsilon with diaeresis	0411
U+03AC	ά	940	Greek Small Letter Alpha with acute accent	0412
U+03AD	έ	941	Greek Small Letter Epsilon with acute accent	0413

Code	Glyph	Decimal	Description	#
U+03AE	ή	942	Greek Small Letter Eta with acute accent	0414
U+03AF	ί	943	Greek Small Letter Iota with acute accent	0415
U+03B0	ϋ	944	Greek Small Letter Upsilon with diaeresis and acute accent	0416
U+03B1	α	945	Greek Small Letter Alpha	0417
U+03B2	β	946	Greek Small Letter Beta	0418
U+03B3	γ	947	Greek Small Letter Gamma	0419
U+03B4	δ	948	Greek Small Letter Delta	0420
U+03B5	ε	949	Greek Small Letter Epsilon	0421
U+03B6	ζ	950	Greek Small Letter Zeta	0422
U+03B7	η	951	Greek Small Letter Eta	0423
U+03B8	θ	952	Greek Small Letter Theta	0424
U+03B9	ι	953	Greek Small Letter Iota	0425
U+03BA	κ	954	Greek Small Letter Kappa	0426
U+03BB	λ	955	Greek Small Letter Lambda	0427
U+03BC	μ	956	Greek Small Letter Mu	0428
U+03BD	ν	957	Greek Small Letter Nu	0429
U+03BE	ξ	958	Greek Small Letter Xi	0430
U+03BF	ο	959	Greek Small Letter Omicron	0431
U+03C0	π	960	Greek Small Letter Pi	0432
U+03C1	ρ	961	Greek Small Letter Rho	0433
U+03C2	ς	962	Greek Small Letter Final Sigma	0434
U+03C3	σ	963	Greek Small Letter Sigma	0435
U+03C4	τ	964	Greek Small Letter Tau	0436
U+03C5	υ	965	Greek Small Letter Upsilon	0437
U+03C6	φ	966	Greek Small Letter Phi	0438
U+03C7	χ	967	Greek Small Letter Chi	0439
U+03C8	ψ	968	Greek Small Letter Psi	0440
U+03C9	ω	969	Greek Small Letter Omega	0441
U+03CA	ϊ	970	Greek Small Letter Iota with diaeresis	0442
U+03CB	ϋ	971	Greek Small Letter Upsilon with diaeresis	0443
U+03CC	ό	972	Greek Small Letter Omicron with acute accent	0444
U+03CD	ύ	973	Greek Small Letter Upsilon with acute accent	0445
U+03CE	ώ	974	Greek Small Letter Omega with acute accent	0446
U+03CF	Ϸ	975	Greek Capital Kai Symbol	.
U+03D0	Ϸ	976	Greek Beta Symbol	.
U+03D1	ϸ	977	Greek Theta Symbol	
U+03D2	Ϻ	978	Greek Upsilon with hook Symbol	
U+03D3	ϻ	979	Greek Upsilon with acute and hook Symbol	
U+03D4	ϼ	980	Greek Upsilon with diaeresis and hook Symbol	
U+03D5	ϕ	981	Greek Phi Symbol	
U+03D6	ϖ	982	Greek Pi Symbol	
U+03D7	ϗ	983	Greek Kai Symbol	0447
U+03D8	Ϙ	984	Greek Letter <u>Qoppa</u>	.
U+03D9	ϙ	985	Greek Small Letter Qoppa	
U+03DA	ϛ	986	Greek Letter <u>Stigma (letter)</u>	0448
U+03DB	Ϝ	987	Greek Small Letter Stigma	0449
U+03DC	Ϟ	988	Greek Letter <u>Digamma</u>	0450
U+03DD	ϟ	989	Greek Small Letter Digamma	0451
U+03DE	Ϡ	990	Greek Letter Koppa	0452
U+03DF	ϡ	991	Greek Small Letter Koppa	0453
U+03E0	ϣ	992	Greek Letter <u>Sampi</u>	0454
U+03E1	Ϥ	993	Greek Small Letter Sampi	0455
U+03E2	Ϭ	994	Coptic Capital Letter Shei	

Code	Glyph	Decimal	Description	#
U+03E3	ϣ	995	Coptic Small Letter Shei	
U+03E4	ϣ͵	996	Coptic Capital Letter Fei	
U+03E5	ϣͶ	997	Coptic Small Letter Fei	
U+03E6	ϣͷ	998	Coptic Capital Letter Khei	
U+03E7	ϣ͸	999	Coptic Small Letter Khei	
U+03E8	ϣ͹	1000	Coptic Capital Letter Hori	
U+03E9	ϣͺ	1001	Coptic Small Letter Hori	
U+03EA	ϣͻ	1002	Coptic Capital Letter Gangia	
U+03EB	ϣͼ	1003	Coptic Small Letter Gangia	
U+03EC	ϣͽ	1004	Coptic Capital Letter Shima	
U+03ED	ϣͿ	1005	Coptic Small Letter Shima	
U+03EE	ϣ;	1006	Coptic Capital Letter Dei	
U+03EF	ϣͿ	1007	Coptic Small Letter Dei	
U+03F0	κ	1008	Greek Kappa Symbol	
U+03F1	ρ	1009	Greek Rho Symbol	
U+03F2	σ	1010	Greek Lunate Sigma Symbol	
U+03F3	ϣͿ	1011	Greek Letter Yot	
U+03F4	Θ	1012	Greek Capital Theta Symbol	
U+03F5	ε	1013	Greek Lunate Epsilon Symbol	
U+03F6	ε͵	1014	Greek Reversed Lunate Epsilon Symbol	
U+03F7	ϣͿ	1015	Greek Capital Sho	
U+03F8	ϣͿ	1016	Greek Small Letter Sho	
U+03F9	Σ	1017	Greek Capital Lunate Sigma Symbol	
U+03FA	Μ	1018	Greek Capital <u>San</u>	
U+03FB	μ	1019	Greek Small Letter San	
U+03FC	ρ͵	1020	Greek Rho with stroke Symbol	
U+03FD	Σ͵	1021	Greek Capital Reversed Lunate Sigma Symbol	
U+03FE	ΣͶ	1022	Greek Capital Dotted Lunate Sigma Symbol	
U+03FF	Σͷ	1023	Greek Capital Reversed Dotted Lunate Sigma Symbol	
Code	Glyph	Decimal	Description	#

Greek Extended

For polytonic orthography. 256 code points; 233 assigned characters, all in the MES-2 subset (#670 – 902).

Greek Extended ^{[1][2]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U1F00.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+1F0x	ά	ά	ᾱ	ᾱ	ᾳ	ᾳ	ῃ	ῃ	Α	Α	Ά	Ά	Ά	Ά	Ά	Ά
U+1F1x	έ	έ	ῆ	ῆ	ῇ	ῇ			Ε	Ε	Έ	Έ	Έ	Έ		
U+1F2x	ή	ή	ῆ	ῆ	ῇ	ῇ	ῆ	ῆ	Η	Η	Ή	Ή	Ή	Ή	Ή	Ή
U+1F3x	ι	ι	ϊ	ϊ	ϊ	ϊ	ϊ	ϊ	Ι	Ι	Ϊ	Ϊ	Ϊ	Ϊ	Ϊ	Ϊ
U+1F4x	ό	ό	ο	ο	ο	ο			Ο	Ο	Ό	Ό	Ό	Ό		
U+1F5x	ύ	ύ	ϋ	ϋ	ϋ	ϋ	ϋ	ϋ		Υ		Ύ		Ύ		Ύ
U+1F6x	ώ	ώ	ῶ	ῶ	ῷ	ῷ	ῶ	ῶ	Ω	Ω	Ώ	Ώ	Ώ	Ώ	Ώ	Ώ
U+1F7x	ᾰ	ᾰ	ᾱ	ᾱ	ᾲ	ᾲ	ᾳ	ᾳ	ᾴ	ᾴ	᾵	᾵	ᾶ	ᾶ		
U+1F8x	ᾷ	ᾷ	Ᾱ	Ᾱ	Ὰ	Ὰ	Ά	Ά	Ἀ	Ἀ	Ἀ	Ἀ	Ἀ	Ἀ	Ἀ	Ἀ
U+1F9x	ἥ	ἥ	ἧ	ἧ	Ἠ	Ἠ	Ἡ	Ἡ	Ἢ	Ἢ	Ἣ	Ἣ	Ἤ	Ἤ	Ἥ	Ἥ
U+1FAx	ὠ	ὠ	ὡ	ὡ	ὢ	ὢ	ὣ	ὣ	ὴ	ὴ	ὤ	ὤ	ὥ	ὥ	ὦ	ὦ
U+1FBx	ᾶ	ᾷ	Ᾱ	Ὰ	Ά		ᾼ	᾽	Ἀ	Ἀ	Ἀ	Ἀ	Ἀ	᾿	᾿	᾿
U+1FCx	᾿	᾿	ἥ	ἧ	Ἠ		Ἡ	Ἡ	Ε	Ε	Η	Η	Η	᾿	᾿	᾿
U+1FDx	Ἰ	Ἱ	ἰ	ἱ			ἲ	ἳ	ἴ	ἵ	ἶ	ἷ		᾿	᾿	᾿
U+1FEx	῀	῁	ῂ	ῃ	ῄ	῅	ῆ	ῇ	Ὲ	Έ	Ὴ	Ή	ῌ	῍	῎	῏
U+1FFx			ὠ	ὡ	ὢ		ὣ	ὣ	ὴ	ὴ	ὤ	ὤ	ὥ	ὥ	ὦ	
Notes																
1. [^] As of Unicode version 11.0																
2. [^] Grey areas indicate non-assigned code points																

Cyrillic

256 characters; 191 in the MES-2 subset.

Code	Glyph	Description	#
U+0400	Ё	Cyrillic Capital Letter Ie with grave	0456
U+0401	ѐ	Cyrillic Capital Letter Io	0457
U+0402	Ђ	Cyrillic Capital Letter Dje	0458
U+0403	ђ	Cyrillic Capital Letter Gje	0459
U+0404	Є	Cyrillic Capital Letter Ukrainian Ie	0460
U+0405	є	Cyrillic Capital Letter Dze	0461
U+0406	І	Cyrillic Capital Letter Byelorussian-Ukrainian I	0462
U+0407	і	Cyrillic Capital Letter Yi	0463
U+0408	Ј	Cyrillic Capital Letter Je	0464
U+0409	љ	Cyrillic Capital Letter Lje	0465
U+040A	Њ	Cyrillic Capital Letter Nje	0466
U+040B	Ѣ	Cyrillic Capital Letter Tshe	0467
U+040C	ѣ	Cyrillic Capital Letter Kje	0468
U+040D	Ў	Cyrillic Capital Letter I with grave	0469
U+040E	Ѥ	Cyrillic Capital Letter Short U	0470
U+040F	Ѧ	Cyrillic Capital Letter Dzhe	0471
U+0410	А	Cyrillic Capital Letter A	0472
U+0411	Б	Cyrillic Capital Letter Be	0473
U+0412	В	Cyrillic Capital Letter Ve	0474
U+0413	Г	Cyrillic Capital Letter Ghe	0475
U+0414	Д	Cyrillic Capital Letter De	0476
U+0415	Е	Cyrillic Capital Letter Ie	0477
U+0416	Ж	Cyrillic Capital Letter Zhe	0478
U+0417	З	Cyrillic Capital Letter Ze	0479
U+0418	И	Cyrillic Capital Letter I	0480
U+0419	Й	Cyrillic Capital Letter Short I	0481
U+041A	К	Cyrillic Capital Letter Ka	0482
U+041B	Л	Cyrillic Capital Letter El	0483
U+041C	М	Cyrillic Capital Letter Em	0484
U+041D	Н	Cyrillic Capital Letter En	0485
U+041E	О	Cyrillic Capital Letter O	0486
U+041F	П	Cyrillic Capital Letter Pe	0487
U+0420	Р	Cyrillic Capital Letter Er	0488
U+0421	С	Cyrillic Capital Letter Es	0489
U+0422	Т	Cyrillic Capital Letter Te	0490
U+0423	У	Cyrillic Capital Letter U	0491
U+0424	Ф	Cyrillic Capital Letter Ef	0492
U+0425	Х	Cyrillic Capital Letter Ha	0493
U+0426	Ц	Cyrillic Capital Letter Tse	0494
U+0427	Ч	Cyrillic Capital Letter Che	0495
U+0428	Ш	Cyrillic Capital Letter Sha	0496
U+0429	Щ	Cyrillic Capital Letter Shcha	0497
U+042A	Ъ	Cyrillic Capital Letter Hard Sign	0498
U+042B	Ы	Cyrillic Capital Letter Yeru	0499
U+042C	Ь	Cyrillic Capital Letter Soft Sign	0500
U+042D	Э	Cyrillic Capital Letter E	0501
U+042E	Ю	Cyrillic Capital Letter Yu	0502
U+042F	Я	Cyrillic Capital Letter Ya	0503
U+0430	а	Cyrillic Small Letter A	0504
U+0431	б	Cyrillic Small Letter Be	0505
U+0432	в	Cyrillic Small Letter Ve	0506
U+0433	г	Cyrillic Small Letter Ghe	0507
U+0434	д	Cyrillic Small Letter De	0508

Code	Glyph	Description	#
U+0435	е	Cyrillic Small Letter Ie	0509
U+0436	ж	Cyrillic Small Letter Zhe	0510
U+0437	з	Cyrillic Small Letter Ze	0511
U+0438	и	Cyrillic Small Letter I	0512
U+0439	й	Cyrillic Small Letter Short I	0513
U+043A	к	Cyrillic Small Letter Ka	0514
U+043B	л	Cyrillic Small Letter El	0515
U+043C	м	Cyrillic Small Letter Em	0516
U+043D	н	Cyrillic Small Letter En	0517
U+043E	о	Cyrillic Small Letter O	0518
U+043F	п	Cyrillic Small Letter Pe	0519
U+0440	р	Cyrillic Small Letter Er	0520
U+0441	с	Cyrillic Small Letter Es	0521
U+0442	т	Cyrillic Small Letter Te	0522
U+0443	у	Cyrillic Small Letter U	0523
U+0444	ф	Cyrillic Small Letter Ef	0524
U+0445	х	Cyrillic Small Letter Ha	0525
U+0446	ц	Cyrillic Small Letter Tse	0526
U+0447	ч	Cyrillic Small Letter Che	0527
U+0448	ш	Cyrillic Small Letter Sha	0528
U+0449	щ	Cyrillic Small Letter Shcha	0529
U+044A	ъ	Cyrillic Small Letter Hard Sign	0530
U+044B	ы	Cyrillic Small Letter Yeru	0531
U+044C	ь	Cyrillic Small Letter Soft Sign	0532
U+044D	э	Cyrillic Small Letter E	0533
U+044E	ю	Cyrillic Small Letter Yu	0534
U+044F	я	Cyrillic Small Letter Ya	0535
U+0450	ѐ	Cyrillic Small Letter Ie with grave	0536
U+0451	ё	Cyrillic Small Letter Io	0537
U+0452	ђ	Cyrillic Small Letter Dje	0538
U+0453	ѓ	Cyrillic Small Letter Gje	0539
U+0454	є	Cyrillic Small Letter Ukrainian Ie	0540
U+0455	ѕ	Cyrillic Small Letter Dze	0541
U+0456	і	Cyrillic Small Letter Byelorussian-Ukrainian I	0542
U+0457	ї	Cyrillic Small Letter Yi	0543
U+0458	ј	Cyrillic Small Letter Je	0544
U+0459	љ	Cyrillic Small Letter Lje	0545
U+045A	њ	Cyrillic Small Letter Nje	0546
U+045B	ћ	Cyrillic Small Letter Tshe	0547
U+045C	ќ	Cyrillic Small Letter Kje	0548
U+045D	ѣ	Cyrillic Small Letter I with grave	0549
U+045E	ѵ	Cyrillic Small Letter Short U	0550
U+045F	џ	Cyrillic Small Letter Dzhe	0551
U+0460	Ѡ	Cyrillic Capital Letter Omega	
U+0461	ѡ	Cyrillic Small Letter Omega	
U+0462	Ѣ	Cyrillic Capital Letter Yat	
U+0463	ѣ	Cyrillic Small Letter Yat	
U+0464	Ѥ	Cyrillic Capital Letter Iotified E	
U+0465	ѥ	Cyrillic Small Letter Iotified E	
U+0466	Ѧ	Cyrillic Capital Letter Little Yus	
U+0467	ѧ	Cyrillic Small Letter Little Yus	
U+0468	Ѩ	Cyrillic Capital Letter Iotified Little Yus	
U+0469	ѩ	Cyrillic Small Letter Iotified Little Yus	

Code	Glyph	Description	#
U+046A	Ѧ	Cyrillic Capital Letter Big Yus	
U+046B	ѧ	Cyrillic Small Letter Big Yus	
U+046C	Ѯ	Cyrillic Capital Letter Iotified Big Yus	
U+046D	ѯ	Cyrillic Small Letter Iotified Big Yus	
U+046E	Ѱ	Cyrillic Capital Letter Ksi	
U+046F	ѱ	Cyrillic Small Letter Ksi	
U+0470	Ѳ	Cyrillic Capital Letter Psi	
U+0471	ѳ	Cyrillic Small Letter Psi	
U+0472	Ѵ	Cyrillic Capital Letter Fita	
U+0473	ѵ	Cyrillic Small Letter Fita	
U+0474	Ѷ	Cyrillic Capital Letter Izhitsa	
U+0475	ѷ	Cyrillic Small Letter Izhitsa	
U+0476	Ѹ	Cyrillic Capital Letter Izhitsa with double grave accent	
U+0477	ѹ	Cyrillic Small Letter Izhitsa with double grave accent	
U+0478	Ѻ	Cyrillic Capital Letter Uk	
U+0479	ѻ	Cyrillic Small Letter Uk	
U+047A	Ѽ	Cyrillic Capital Letter Round Omega	
U+047B	ѽ	Cyrillic Small Letter Round Omega	
U+047C	Ѿ	Cyrillic Capital Letter Omega with Titlo	
U+047D	ѿ	Cyrillic Small Letter Omega with Titlo	
U+047E	Ѡ	Cyrillic Capital Letter Ot	
U+047F	ѡ	Cyrillic Small Letter Ot	
U+0480	Ѣ	Cyrillic Capital Letter Koppa	
U+0481	ѣ	Cyrillic Small Letter Koppa	
U+0482	Ѥ	Cyrillic Thousands Sign	
U+0483	ѥ	Combining Cyrillic Titlo	
U+0484	Ѧ	Combining Cyrillic Palatalization	
U+0485	ѧ	Combining Cyrillic Dasia Pneumata	
U+0486	Ѩ	Combining Cyrillic Psili Pneumata	
U+0487	ѩ	Combining Cyrillic Pokrytie	
U+0488	Ѫ	Combining Cyrillic Hundred Thousands Sign	
U+0489	ѫ	Combining Cyrillic Millions Sign	
U+048A	Ѭ	Cyrillic Capital Letter Short I with tail	
U+048B	ѭ	Cyrillic Small Letter Short I with tail	
U+048C	Ѯ	Cyrillic Capital Letter Semisoft Sign	
U+048D	ѯ	Cyrillic Small Letter Semisoft Sign	
U+048E	Ѱ	Cyrillic Capital Letter Er with tick	
U+048F	ѱ	Cyrillic Small Letter Er with tick	
U+0490	Ѳ	Cyrillic Capital Letter Ghe with upturn	0552
U+0491	ѳ	Cyrillic Small Letter Ghe with upturn	0553
U+0492	Ѵ	Cyrillic Capital Letter Ghe with stroke	0554
U+0493	ѵ	Cyrillic Small Letter Ghe with stroke	0555
U+0494	Ѷ	Cyrillic Capital Letter Ghe with middle hook	0556
U+0495	ѷ	Cyrillic Small Letter Ghe with middle hook	0557
U+0496	Ѹ	Cyrillic Capital Letter Zhe with descender	0558
U+0497	ѹ	Cyrillic Small Letter Zhe with descender	0559
U+0498	Ѻ	Cyrillic Capital Letter Ze with descender	0560
U+0499	ѻ	Cyrillic Small Letter Ze with descender	0561
U+049A	Ѽ	Cyrillic Capital Letter Ka with descender	0562
U+049B	ѽ	Cyrillic Small Letter Ka with descender	0563
U+049C	Ѿ	Cyrillic Capital Letter Ka with vertical stroke	0564
U+049D	ѿ	Cyrillic Small Letter Ka with vertical stroke	0565
U+049E	Ѡ	Cyrillic Capital Letter Ka with stroke	0566

Code	Glyph	Description	#
U+049F	Ɓ	Cyrillic Small Letter Ka with stroke	0567
U+04A0	Ɓ	Cyrillic Capital Letter Bashkir Ka	0568
U+04A1	Ɓ	Cyrillic Small Letter Bashkir Ka	0569
U+04A2	Ң	Cyrillic Capital Letter En with descender	0570
U+04A3	ҥ	Cyrillic Small Letter En with descender	0571
U+04A4	Ң	Cyrillic Capital Ligature En Ghe	0572
U+04A5	ҥ	Cyrillic Small Ligature En Ghe	0573
U+04A6	Ң	Cyrillic Capital Letter Pe with middle hook	0574
U+04A7	ҥ	Cyrillic Small Letter Pe with middle hook	0575
U+04A8	Ҥ	Cyrillic Capital Letter Abkhazian Ha	0576
U+04A9	ҥ	Cyrillic Small Letter Abkhazian Ha	0577
U+04AA	Ҥ	Cyrillic Capital Letter Es with descender	0578
U+04AB	ҥ	Cyrillic Small Letter Es with descender	0579
U+04AC	Ҥ	Cyrillic Capital Letter Te with descender	0580
U+04AD	ҥ	Cyrillic Small Letter Te with descender	0581
U+04AE	Ҥ	Cyrillic Capital Letter Straight U	0582
U+04AF	ҥ	Cyrillic Small Letter Straight U	0583
U+04B0	Ҥ	Cyrillic Capital Letter Straight U with stroke	0584
U+04B1	ҥ	Cyrillic Small Letter Straight U with stroke	0585
U+04B2	Ҥ	Cyrillic Capital Letter Ha with descender	0586
U+04B3	ҥ	Cyrillic Small Letter Ha with descender	0587
U+04B4	Ҥ	Cyrillic Capital Ligature Te Tse	0588
U+04B5	ҥ	Cyrillic Small Ligature Te Tse	0589
U+04B6	Ҥ	Cyrillic Capital Letter Che with descender	0590
U+04B7	ҥ	Cyrillic Small Letter Che with descender	0591
U+04B8	Ҥ	Cyrillic Capital Letter Che with vertical stroke	0592
U+04B9	ҥ	Cyrillic Small Letter Che with vertical stroke	0593
U+04BA	Ҥ	Cyrillic Capital Letter Shha	0594
U+04BB	ҥ	Cyrillic Small Letter Shha	0595
U+04BC	Ҥ	Cyrillic Capital Letter Abkhazian Che	0596
U+04BD	ҥ	Cyrillic Small Letter Abkhazian Che	0597
U+04BE	Ҥ	Cyrillic Capital Letter Abkhazian Che with descender	0598
U+04BF	ҥ	Cyrillic Small Letter Abkhazian Che with descender	0599
U+04C0	Ҥ	Cyrillic Letter Palochka	0600
U+04C1	Ҥ	Cyrillic Capital Letter Zhe with breve	0601
U+04C2	ҥ	Cyrillic Small Letter Zhe with breve	0602
U+04C3	Ҥ	Cyrillic Capital Letter Ka with hook	0603
U+04C4	ҥ	Cyrillic Small Letter Ka with hook	0604
U+04C5	Ҥ	Cyrillic Capital Letter El with tail	.
U+04C6	ҥ	Cyrillic Small Letter El with tail	
U+04C7	Ҥ	Cyrillic Capital Letter En with hook	0605
U+04C8	ҥ	Cyrillic Small Letter En with hook	0606
U+04C9	Ҥ	Cyrillic Capital Letter En with tail	.
U+04CA	ҥ	Cyrillic Small Letter En with tail	
U+04CB	Ҥ	Cyrillic Capital Letter Khakassian Che	0607
U+04CC	ҥ	Cyrillic Small Letter Khakassian Che	0608
U+04CD	Ҥ	Cyrillic Capital Letter Em with tail	.
U+04CE	ҥ	Cyrillic Small Letter Em with tail	
U+04CF	Ҥ	Cyrillic Small Letter Palochka	
U+04D0	Ӑ	Cyrillic Capital Letter A with breve	0609
U+04D1	ӑ	Cyrillic Small Letter A with breve	0610
U+04D2	Ӓ	Cyrillic Capital Letter A with diaeresis	0611
U+04D3	ӓ	Cyrillic Small Letter A with diaeresis	0612

Code	Glyph	Description	#
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- Cyrillic Supplement (Unicode block)
- Cyrillic Extended-A (Unicode block)
- Cyrillic Extended-B (Unicode block)
- Cyrillic Extended-C (Unicode block)

- [Armenian \(Unicode block\)](#)

Semitic languages

- [Arabic script in Unicode](#), including the [Persian alphabet](#), [Jawi alphabet](#) and others
- [Unicode and HTML for the Hebrew alphabet](#)
- [Mandaic \(Unicode block\)](#)
- [Samaritan \(Unicode block\)](#)
- [Syriac \(Unicode block\)](#)
- [Syriac Supplement \(Unicode block\)](#)

Thaana

- [Thaana \(Unicode block\)](#)

Brahmic (Indic) scripts

The range from U+0900 to U+0DFF includes [Devanagari](#), [Bengali script](#), [Gurmukhi](#), [Gujarati script](#), [Odia alphabet](#), [Tamil script](#), [Telugu script](#), [Kannada script](#), [Malayalam script](#), and the [Sinhalese alphabet](#).

- [Devanagari in Unicode](#)
- [Bengali \(Unicode block\)](#)
- [Gurmukhi \(Unicode block\)](#)
- [Gujarati \(Unicode block\)](#)
- [Oriya \(Unicode block\)](#)
- [Tamil \(Unicode block\)](#)
- [Telugu \(Unicode block\)](#)
- [Kannada \(Unicode block\)](#)
- [Malayalam \(Unicode block\)](#)
- [Sinhala \(Unicode block\)](#)
- [Sinhala Archaic Numbers \(Unicode block\)](#)

Other Brahmic and Indic scripts in Unicode include:

- | | |
|---|---|
| ▪ Ahom (Unicode block) | ▪ Meetei Mayek (Unicode block) |
| ▪ Balinese (Unicode block) | ▪ Meetei Mayek Extensions (Unicode block) |
| ▪ Batak (Unicode block) | ▪ Modi (Unicode block) |
| ▪ Bhaiksuki (Unicode block) | ▪ Multani (Unicode block) |
| ▪ Brahmi (Unicode block) | ▪ Mon/Burmese/Myanmar script Unicode blocks |
| ▪ Buhid (Unicode block) | ▪ New Tai Lue (Unicode block) |
| ▪ Buginese (Unicode block) | ▪ Newa (Unicode block) |
| ▪ Chakma (Unicode block) | ▪ Ol Chiki (Unicode block) |
| ▪ Cham (Unicode block) | ▪ Phags-pa (Unicode block) |
| ▪ Common Indic Number Forms (Unicode block) | ▪ Rejang (Unicode block) |
| ▪ Dogra (Unicode block) | ▪ Saurashtra (Unicode block) |
| ▪ Grantha (Unicode block) | ▪ Sharada (Unicode block) |
| ▪ Gunjala Gondi (Unicode block) | ▪ Siddham (Unicode block) |
| ▪ Hanunoo (Unicode block) | ▪ Sundanese (Unicode block) |
| ▪ Javanese (Unicode block) | ▪ Sundanese Supplement (Unicode block) |
| ▪ Kaithi (Unicode block) | ▪ Syloti Nagri (Unicode block) |
| ▪ Khmer (Unicode block) | ▪ Tagalog (Unicode block) |
| ▪ Khmer Symbols (Unicode block) | ▪ Tagbanwa (Unicode block) |
| ▪ Khojki (Unicode block) | ▪ Tai Le (Unicode block) |
| ▪ Khudawadi (Unicode block) | ▪ Tai Tham (Unicode block) |
| ▪ Lao (Unicode block) | ▪ Tai Viet (Unicode block) |
| ▪ Lepcha (Unicode block) | ▪ Takri (Unicode block) |
| ▪ Limbu (Unicode block) | ▪ Thai (Unicode block) |
| ▪ Mahajani (Unicode block) | ▪ Tibetan (Unicode block) |
| ▪ Makasar (Unicode block) | ▪ Tirhuta (Unicode block) |
| ▪ Marchen (Unicode block) | |

Other south and central Asian writing systems

- [Masaram Gondi \(Unicode block\)](#)
- [Mro \(Unicode block\)](#)
- [Sora Sompeng \(Unicode block\)](#)
- [Warang Citi \(Unicode block\)](#)

Georgian

- [Georgian \(Unicode block\)](#)
- [Georgian Extended \(Unicode block\)](#)
- [Georgian Supplement \(Unicode block\)](#)

Code	Glyph	Description	#
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African scripts

- [Adlam \(Unicode block\)](#)
- [Bamum \(Unicode block\)](#)
- [Bamum Supplement \(Unicode block\)](#)
- [Bassa Vah \(Unicode block\)](#)
- [Ge'ez/Ethiopic script](#)
- [Medefaidrin \(Unicode block\)](#)
- [Mende Kikakui \(Unicode block\)](#)
- [NKo \(Unicode block\)](#)
- [Osmanya \(Unicode block\)](#)
- [Tifinagh \(Unicode block\)](#)
- [Vai \(Unicode block\)](#)

American scripts

- [Cherokee \(Unicode block\)](#)
- [Cherokee Supplement \(Unicode block\)](#)
- [Deseret \(Unicode block\)](#)
- [Osage \(Unicode block\)](#)
- [Unified Canadian Aboriginal Syllabics \(Unicode block\)](#)
- [Unified Canadian Aboriginal Syllabics Extended \(Unicode block\)](#)

Mongolian

- [Mongolian \(Unicode block\)](#)
- [Mongolian Supplement \(Unicode block\)](#)

Unicode symbols

Code	Glyph	Description	#
U+2013	–	En dash	0903
U+2014	—	Em dash	0904
U+2015	⎯	Horizontal bar	0905
U+2017	═	Double low line	0906
U+2018	‘	Left single quotation mark	0907
U+2019	’	Right single quotation mark	0908
U+201A	‚	Single low-9 quotation mark	0909
U+201B	՝	Single high-reversed-9 quotation mark	0910
U+201C	“	Left double quotation mark	0911
U+201D	”	Right double quotation mark	0912
U+201E	„	Double low-9 quotation mark	0913
U+2020	†	Dagger	0914
U+2021	‡	Double dagger	0915
U+2022	•	Bullet	0916
U+2026	…	Horizontal ellipsis	0917
U+2030	‰	Per mille sign	0918
U+2032	′	Prime	0919
U+2033	″	Double prime	0920
U+2039	‹	Single left-pointing angle quotation mark	0921
U+203A	›	Single right-pointing angle quotation mark	0922
U+203C	‼	Double exclamation mark	0923
U+203E	⎯	Overline	0924
U+2044	/	Fraction slash	0925
U+204A	₭	Tironian et sign	0926
Code	Glyph	Description	#

General Punctuation

112 code points; 111 assigned characters; 24 in the MES-2 subset.

General Punctuation ^{[1][2][3]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2000.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+200x	NQ SP	MQ SP	EN SP	EM SP	3/M SP	4/M SP	6/M SP	F SP	P SP	TH SP	H SP	ZW SP	ZW NJ	ZW J	LRM	RLM
U+201x	-	NB -	—	—	—	—	‖	=	‘	’	‚	‚	“	”	„	”
U+202x	†	‡	•	►	◦	◌	◌	◌	L SEP	P SEP	LRE	RLE	PDF	LRO	RLO	NNB SP
U+203x	‰	‱	′	″	‴	′	″	‴	△	◁	▷	⊗	‖	‡	—	—
U+204x	—	△	✱	—	/	[]	??	?! ?	!? ?	7	ℙ	◄	►	*	⋮
U+205x	—	*	%	~	—	*	◌	◌	◌	◌	◌	◌	⋮	⋮	⋮	MM SP
U+206x	WJ	f()	×	,	+		LRI	RLI	FSI	PDI	I SS	A SS	I AFS	A AFS	NA DS	NO DS
Notes <div>1.[^] As of Unicode version 11.0</div> <div>2.[^] Grey area indicates non-assigned code point</div> <div>3.[^] Unicode code points U+206A - U+206F are deprecated as of Unicode version 3.0</div>																

Superscripts and Subscripts

Superscripts and Subscripts ^{[1][2][3]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2070.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+207x	⁰	¹			⁴	⁵	⁶	⁷	⁸	⁹	⁺	[−]	⁼	⁽	⁾	ⁿ
U+208x	₀	₁	₂	₃	₄	₅	₆	₇	₈	₉	₊	_−	₌	₍	₎	
U+209x	_a	_e	_o	_x	_ə	_h	_k	_l	_m	_n	_p	_s	_t			
Notes <div>1.[^] As of Unicode version 11.0</div> <div>2.[^] Grey areas indicate non-assigned code points</div> <div>3.[^] Refer to the <u>Latin-1 Supplement Unicode block</u> for characters ¹ (U+00B9), ² (U+00B2) and ³ (U+00B3)</div>																

Currency Symbols

Currency Symbols ^{[1][2]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U20A0.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+20Ax	₠	₡	₢	₣	₤	₥	₦	₧	₨	₩	₪	₫	€	₭	₮	₯
U+20Bx	₰	₱	₲	₳	₴	₵	₶	₷	₸	₹	₺	₻	₼	₽	₾	₿
U+20Cx																
Notes <div>1.[^] As of Unicode version 11.0</div> <div>2.[^] Grey areas indicate non-assigned code points</div>																

Letterlike Symbols

Letterlike Symbols ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2100.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+210x	 ⁄℄ 	 ⁄℅ 	 ℄ 	 °℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 °℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 
U+211x	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 
U+212x	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 
U+213x	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 
U+214x	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 	 ℄ 
Notes																
1. [^] As of Unicode version 11.0																

Number Forms

Number Forms ^{[1][2]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2150.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+215x	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 
U+216x	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 
U+217x	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 
U+218x	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 	 ⅀ 
Notes																
1. [^] As of Unicode version 11.0																
2. [^] Grey areas indicate non-assigned code points																

Arrows

Arrows ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2190.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+219x	 ↵ 	 ↶ 	 ↷ 	 ↸ 	 ↹ 	 ↺ 	 ↻ 	 ↼ 	 ↽ 	 ↾ 	 ↿ 	 ↰ 	 ↱ 	 ↲ 	 ↳ 	 ↴ 
U+21Ax	 ↵ 	 ↶ 	 ↷ 	 ↸ 	 ↹ 	 ↺ 	 ↻ 	 ↼ 	 ↽ 	 ↾ 	 ↿ 	 ↰ 	 ↱ 	 ↲ 	 ↳ 	 ↴ 
U+21Bx	 ↵ 	 ↶ 	 ↷ 	 ↸ 	 ↹ 	 ↺ 	 ↻ 	 ↼ 	 ↽ 	 ↾ 	 ↿ 	 ↰ 	 ↱ 	 ↲ 	 ↳ 	 ↴ 
U+21Cx	 ↵ 	 ↶ 	 ↷ 	 ↸ 	 ↹ 	 ↺ 	 ↻ 	 ↼ 	 ↽ 	 ↾ 	 ↿ 	 ↰ 	 ↱ 	 ↲ 	 ↳ 	 ↴ 
U+21Dx	 ↵ 	 ↶ 	 ↷ 	 ↸ 	 ↹ 	 ↺ 	 ↻ 	 ↼ 	 ↽ 	 ↾ 	 ↿ 	 ↰ 	 ↱ 	 ↲ 	 ↳ 	 ↴ 
U+21Ex	 ↵ 	 ↶ 	 ↷ 	 ↸ 	 ↹ 	 ↺ 	 ↻ 	 ↼ 	 ↽ 	 ↾ 	 ↿ 	 ↰ 	 ↱ 	 ↲ 	 ↳ 	 ↴ 
U+21Fx	 ↵ 	 ↶ 	 ↷ 	 ↸ 	 ↹ 	 ↺ 	 ↻ 	 ↼ 	 ↽ 	 ↾ 	 ↿ 	 ↰ 	 ↱ 	 ↲ 	 ↳ 	 ↴ 
Notes																
1. [^] As of Unicode version 11.0																

































































































































































































































































- [Miscellaneous Symbols and Arrows \(Unicode block\)](#)
- [Supplemental Arrows-A \(Unicode block\)](#)
- [Supplemental Arrows-B \(Unicode block\)](#)
- [Supplemental Arrows-C \(Unicode block\)](#)

Mathematical symbols

Mathematical Operators ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2200.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+220x	∀	℄	∂	∃	≠	∅	△	▽	∈	∉	ℵ	≡	≠	≡	■	□
U+221x	∏	Σ	−	±	÷	/	\	*	∘	⋅	√	∛	∜	∝	∞	ℒ
U+222x	∠	⋈	⋌		†	‖	‡	^	∨	∩	∪	∫	∫	∫	ℳ	ℳ
U+223x	ℳ	ℳ	ℳ	ℳ	∴	∴	∴	∴	∴	∴	∴	∴	∴	∴	∴	∴
U+224x	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ
U+225x	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ	ℴ
U+226x	≠	≡	≡	≡	≤	≥	≤	≥	≤	≥	≤	≥	≤	≥	≤	≥
U+227x	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤
U+228x	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤
U+229x	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤
U+22Ax	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤
U+22Bx	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤
U+22Cx	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤
U+22Dx	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤
U+22Ex	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤
U+22Fx	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤	≤
Notes																
1.^ As of Unicode version 11.0																

- Supplemental Mathematical Operators (Unicode block)
- Miscellaneous Mathematical Symbols-A (Unicode block)
- Miscellaneous Mathematical Symbols-B (Unicode block)
- Mathematical Alphanumeric Symbols: Mathematical Alphanumeric Symbols (Unicode block)

Miscellaneous Technical

Miscellaneous Technical ^{[1][2]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2300.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+230x																
U+231x																
U+232x																
U+233x																
U+234x																
U+235x																
U+236x																
U+237x																
U+238x																
U+239x																
U+23Ax																
U+23Bx																
U+23Cx																
U+23Dx																
U+23Ex																
U+23Fx																
Notes 1. ^ As of Unicode version 11.0 2. ^ Unicode code points U+2329 and U+232A are deprecated as of Unicode version 5.2																

Optical Character Recognition

- Optical Character Recognition (Unicode block)

Enclosed Alphanumerics

Enclosed Alphanumerics ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2460.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+246x	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯
U+247x	⑰	⑱	⑲	⑳	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
U+248x	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	1.	2.	3.	4.	5.	6.	7.	8.
U+249x	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	(a)	(b)	(c)	(d)
U+24Ax	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	(p)	(q)	(r)	(s)	(t)
U+24Bx	(u)	(v)	(w)	(x)	(y)	(z)	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	Ⓘ	Ⓢ
U+24Cx	Ⓚ	Ⓛ	Ⓜ	Ⓝ	Ⓞ	Ⓟ	Ⓠ	Ⓡ	Ⓢ	Ⓣ	Ⓤ	Ⓥ	Ⓦ	Ⓧ	Ⓨ	Ⓩ
U+24Dx	ⓐ	ⓑ	ⓒ	ⓓ	ⓔ	ⓕ	ⓖ	ⓗ	ⓘ	Ⓤ	Ⓚ	Ⓛ	Ⓜ	Ⓝ	Ⓞ	Ⓟ
U+24Ex	Ⓠ	Ⓡ	Ⓢ	Ⓣ	Ⓤ	Ⓥ	Ⓦ	Ⓧ	Ⓨ	Ⓩ	ⓐ	ⓑ	ⓒ	ⓓ	ⓔ	ⓕ
U+24Fx	ⓖ	ⓗ	ⓘ	Ⓤ	Ⓚ	Ⓛ	Ⓜ	Ⓝ	Ⓞ	Ⓟ	Ⓠ	Ⓡ	Ⓢ	Ⓣ	Ⓤ	Ⓥ
Notes																
1.^ As of Unicode version 11.0																

Box Drawing

Box Drawing ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2500.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+250x	─	━	┃	┃	─	─	┃	┃	─	─	┃	┃	┃	┃	┃	┃
U+251x	┏	┏	┏	┏	┌	┌	┌	┌	┐	┐	┐	┐	└	└	└	└
U+252x	└	└	└	└	┐	┐	┐	┐	┐	┐	┐	┐	┘	┘	┘	┘
U+253x	┘	┘	┘	┘	└	└	└	└	└	└	└	└	└	└	└	└
U+254x	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐
U+255x	═	═	═	═	═	═	═	═	═	═	═	═	═	═	═	═
U+256x	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌	┌
U+257x	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐	┐
Notes																
1.^ As of Unicode version 11.0																

Block Elements

Code	Glyph	Description
U+2580	■	Upper half block
U+2581	▬	Lower one eighth block
U+2582	▯	Lower one quarter block
U+2583	▰	Lower three eighths block
U+2584	▱	Lower half block
U+2585	▲	Lower five eighths block
U+2586	△	Lower three quarters block
U+2587	▴	Lower seven eighths block
U+2588	▵	Full block
U+2589	▶	Left seven eighths block
U+258A	▷	Left three quarters block
U+258B	▸	Left five eighths block
U+258C	▹	Left half block
U+258D	►	Left three eighths block
U+258E	▻	Left one quarter block
U+258F	▼	Left one eighth block
U+2590	▽	Right half block
U+2591	░	Light shade
U+2592	▒	Medium shade
U+2593	▓	Dark shade
U+2594	▴	Upper one eighth block
U+2595	▵	Right one eighth block
U+2596	◑	Quadrant lower left
U+2597	◒	Quadrant lower right
U+2598	◓	Quadrant upper left
U+2599	◔	Quadrant upper left and lower left and lower right
U+259A	◕	Quadrant upper left and lower right
U+259B	◖	Quadrant upper left and upper right and lower left
U+259C	◗	Quadrant upper left and upper right and lower right
U+259D	◘	Quadrant upper right
U+259E	◙	Quadrant upper right and lower left
U+259F	◚	Quadrant upper right and lower left and lower right

Geometric Shapes

Code	Glyph	Description
U+25A0	■	Black square
U+25A1	□	White square
U+25A2	◻	White square with rounded corners
U+25A3	◼	White square containing small black square
U+25A4	▤	Square with horizontal fill
U+25A5	▥	Square with vertical fill
U+25A6	▦	Square with orthogonal crosshatch fill
U+25A7	▧	Square with upper left to lower right fill
U+25A8	▨	Square with upper right to lower left fill
U+25A9	▩	Square with diagonal crosshatch fill
U+25AA	▪	Black small square
U+25AB	◦	White small square
U+25AC	▬	Black rectangle
U+25AD	▭	White rectangle
U+25AE	▮	Black vertical rectangle
U+25AF	▯	White vertical rectangle
U+25B0	▰	Black parallelogram
U+25B1	▱	White parallelogram
U+25B2	▲	Black up-pointing triangle
U+25B3	△	White up-pointing triangle
U+25B4	▴	Black up-pointing small triangle
U+25B5	▵	White up-pointing small triangle
U+25B6	▶	Black right-pointing triangle
U+25B7	▷	White right-pointing triangle
U+25B8	▸	Black right-pointing small triangle
U+25B9	▹	White right-pointing small triangle
U+25BA	▹	Black right-pointing pointer
U+25BB	▸	White right-pointing pointer
U+25BC	▼	Black down-pointing triangle
U+25BD	▽	White down-pointing triangle
U+25BE	▾	Black down-pointing small triangle
U+25BF	▿	White down-pointing small triangle
U+25C0	◀	Black left-pointing triangle
U+25C1	◁	White left-pointing triangle
U+25C2	◄	Black left-pointing small triangle
U+25C3	◅	White left-pointing small triangle
U+25C4	◄	Black left-pointing pointer
U+25C5	◅	White left-pointing pointer
U+25C6	◆	Black diamond
U+25C7	◇	White diamond
U+25C8	◈	White diamond containing small black diamond
U+25C9	◎	Fisheye
U+25CA	◊	Lozenge
U+25CB	○	White circle
U+25CC	◌	Dotted circle
U+25CD	●	Circle with vertical fill
U+25CE	◎	Bullseye
U+25CF	●	Black circle
U+25D0	◐	Circle with left half black
U+25D1	◑	Circle with right half black
U+25D2	◒	Circle with lower half black
U+25D3	◓	Circle with upper half black

Code	Glyph	Description
U+25D4	☐	Circle with upper right quadrant black
U+25D5	◐	Circle with all but upper left quadrant black
U+25D6	◑	Left half circle black
U+25D7	◒	Right half black circle
U+25D8	◓	Inverse bullet
U+25D9	◔	Inverse white circle
U+25DA	◕	Upper half inverse white circle
U+25DB	◖	Lower half inverse white circle
U+25DC	◗	Upper left quadrant circular arc
U+25DD	◘	Upper right quadrant circular arc
U+25DE	◙	Lower right quadrant circular arc
U+25DF	◚	Lower left quadrant circular arc
U+25E0	◛	Upper half circle
U+25E1	◜	Lower half circle
U+25E2	◝	Black lower right triangle
U+25E3	◞	Black lower left triangle
U+25E4	◟	Black upper left triangle
U+25E5	◠	Black upper right triangle
U+25E6	◡	White bullet
U+25E7	◢	Square with left half black
U+25E8	◣	Square with right half black
U+25E9	◤	Square with upper left diagonal half black
U+25EA	◥	Square with lower right diagonal half black
U+25EB	◦	White square with vertical bisecting line
U+25EC	◧	White up-pointing triangle with dot
U+25ED	◨	Up-pointing triangle with left half black
U+25EE	◩	Up-pointing triangle with right half black
U+25EF	◯	Large circle
U+25F0	◪	White square with upper left quadrant
U+25F1	◥	White square with lower left quadrant
U+25F2	◦	White square with lower right quadrant
U+25F3	◨	White square with upper right quadrant
U+25F4	◪	White circle with upper left quadrant
U+25F5	◥	White circle with lower left quadrant
U+25F6	◦	White circle with lower right quadrant
U+25F7	◨	White circle with upper right quadrant
U+25F8	◤	Upper left triangle
U+25F9	◥	Upper right triangle
U+25FA	◧	Lower-left triangle
U+25FB	◩	White medium square
U+25FC	◪	Black medium square
U+25FD	◥	White medium small square
U+25FE	◦	Black medium small square
U+25FF	◨	Lower right triangle

Miscellaneous Symbols

Miscellaneous Symbols ^[1]																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/U2600.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+260x																
U+261x																
U+262x						♀	♂	♂	♂	♂	☾	♂	♂	♂	♂	♂
U+263x																♀
U+264x	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
U+265x																
U+266x	♠	♥	♦	♣	♣	♥	♦	♣	♣	♣	♣	♣	♣	♣	♣	♣
U+267x	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
U+268x																
U+269x	🚩	🚩	🚩	🚩	🚩	🚩	🚩	🚩	🚩	🚩	🚩	🚩	🚩	🚩	🚩	🚩
U+26Ax	⚠	⚡	♂	♂	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
U+26Bx	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
U+26Cx	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
U+26Dx	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
U+26Ex	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
U+26Fx	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
Notes																
1.^ As of Unicode version 11.0																

Dingbats

- Dingbat

East Asian writing systems

- Bopomofo (Unicode block)
- Bopomofo Extended (Unicode block)
- CJK Unified Ideographs
- CJK Radicals Supplement (Unicode block)
- CJK Strokes (Unicode block)
- CJK Symbols and Punctuation (Unicode block)
- Counting Rod Numerals (Unicode block)
- Enclosed Alphanumeric Supplement (Unicode block)
- Enclosed CJK Letters and Months (Unicode block)
- Enclosed Ideographic Supplement (Unicode block)
- Halfwidth and Fullwidth Forms (Unicode block)
- Hangul in Unicode
- Hiragana (Unicode block)
- Ideographic Description Characters (Unicode block)
- Ideographic Symbols and Punctuation (Unicode block)
- Kanbun (Unicode block)
- Kangxi Radicals (Unicode block)
- Katakana (Unicode block)
- Kana Extended-A (Unicode block)
- Kana Supplement (Unicode block)
- Katakana Phonetic Extensions (Unicode block)
- Lisu (Unicode block)
- Miao (Unicode block)
- Modifier Tone Letters (Unicode block)
- Nushu (Unicode block)
- Small Form Variants (Unicode block)
- Tai Xuan Jing Symbols (Unicode block)

- [Tangut \(Unicode block\)](#)
- [Tangut Components \(Unicode block\)](#)
- [Vertical Forms \(Unicode block\)](#)
- [Yi Syllables \(Unicode block\)](#)
- [Yi Radicals \(Unicode block\)](#)
- [Yijing Hexagram Symbols \(Unicode block\)](#)

Southeast Asian writing systems

- [Hanifi Rohingya \(Unicode block\)](#)
- [Kayah Li \(Unicode block\)](#)
- [Pahawh Hmong \(Unicode block\)](#)
- [Pau Cin Hau \(Unicode block\)](#)

Alphabetic Presentation Forms

Alphabetic Presentation Forms ^{[1][2]}																
Official Unicode Consortium code chart (https://www.unicode.org/charts/PDF/UFB00.pdf) (PDF)																
	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
U+FB0x	ff	fi	fl	ffi	ffl	ft	st									
U+FB1x				𐌆	𐌇	𐌈	𐌉	𐌊						?	˘	˙
U+FB2x	ע	Ꞥ	ꞥ	Ꞧ	כ	ל	ם	ר	ת	ⴐ	שׁ	שׂ	ש׃	שׅ	Ꞥ	Ꞧ
U+FB3x	Ꞥ	ב	ג	ד	ה	ו	ז		ט	י	ך	כּ	ל		מ	
U+FB4x	נ	ס		ף	פּ		צ	ק	ר	שׂ	תּ	וּ	בּ	כּ	דּ	ץ
Notes																
1. [▲] As of Unicode version 11.0																
2. [▲] Grey areas indicate non-assigned code points																

Ancient and historic scripts

- [Aegean Numbers \(Unicode block\)](#)
 - [Anatolian Hieroglyphs \(Unicode block\)](#)
 - [Ancient Greek Numbers \(Unicode block\)](#)
 - [Ancient Symbols \(Unicode block\)](#)
 - [Avestan \(Unicode block\)](#)
 - [Carian \(Unicode block\)](#)
 - [Caucasian Albanian \(Unicode block\)](#)
 - [Cuneiform \(Unicode block\)](#)
 - [Cuneiform Numbers and Punctuation \(Unicode block\)](#)
 - [Cypriot Syllabary \(Unicode block\)](#)
 - [Early Dynastic Cuneiform \(Unicode block\)](#)
 - [Egyptian Hieroglyphs \(Unicode block\)](#)
 - [Elbasan \(Unicode block\)](#)
 - [Glagolitic \(Unicode block\)](#)
 - [Glagolitic Supplement \(Unicode block\)](#)
 - [Gothic \(Unicode block\)](#)
 - [Hatran \(Unicode block\)](#)
 - [Imperial Aramaic \(Unicode block\)](#)
 - [Indic Siyaq Numbers \(Unicode block\)](#)
 - [Inscriptional Pahlavi \(Unicode block\)](#)
 - [Inscriptional Parthian \(Unicode block\)](#)
 - [Kharoshthi \(Unicode block\)](#)
 - [Linear A \(Unicode block\)](#)
 - [Linear B Ideograms \(Unicode block\)](#)
 - [Linear B Syllabary \(Unicode block\)](#)
- [Lycian \(Unicode block\)](#)
 - [Lydian \(Unicode block\)](#)
 - [Manichaean \(Unicode block\)](#)
 - [Mayan Numerals \(Unicode block\)](#)
 - [Meroitic Cursive \(Unicode block\)](#)
 - [Meroitic Hieroglyphs \(Unicode block\)](#)
 - [Nabataean \(Unicode block\)](#)
 - [Ogham \(Unicode block\)](#)
 - [Old Hungarian \(Unicode block\)](#)
 - [Old Italic \(Unicode block\)](#)
 - [Old North Arabian \(Unicode block\)](#)
 - [Old Permic \(Unicode block\)](#)
 - [Old Persian \(Unicode block\)](#)
 - [Old Sogdian \(Unicode block\)](#)
 - [Old South Arabian \(Unicode block\)](#)
 - [Old Turkic \(Unicode block\)](#)
 - [Palmyrene \(Unicode block\)](#)
 - [Phaistos Disc \(Unicode block\)](#)
 - [Phoenician \(Unicode block\)](#)
 - [Psalter Pahlavi \(Unicode block\)](#)
 - [Runic \(Unicode block\)](#)
 - [Sogdian \(Unicode block\)](#)
 - [Soyombo \(Unicode block\)](#)
 - [Ugaritic \(Unicode block\)](#)
 - [Zanabazar Square \(Unicode block\)](#)

Shavian

- [Shavian \(Unicode block\)](#)

Notational systems

Braille

- [Braille Patterns \(Unicode block\)](#)

Music

- [Western Musical Symbols \(Unicode block\)](#)
- [Byzantine Musical Symbols \(Unicode block\)](#)
- [Ancient Greek Musical Notation \(Unicode block\)](#)

Shorthand

- [Duployan \(Unicode block\)](#)
- [Shorthand Format Controls \(Unicode block\)](#)

Sutton SignWriting

- Sutton SignWriting: [Sutton SignWriting \(Unicode block\)](#)

Emoji

- [Emoji in Unicode](#)

Alchemical symbols

- [Alchemical Symbols \(Unicode block\)](#)

Game symbols

- [Chess Symbols \(Unicode block\)](#)
- [Domino Tiles \(Unicode block\)](#)
- [Mahjong Tiles \(Unicode block\)](#)
- [Playing cards](#)

Special areas and format characters

- [Control Pictures \(Unicode block\)](#)
- [Private Use Areas](#)
 - [Private Use Area \(Unicode block\)](#)
 - [Supplementary Private Use Area-A \(Unicode block\)](#)
 - [Supplementary Private Use Area-B \(Unicode block\)](#)
- [Specials \(Unicode block\)](#)
- [Surrogates](#)
 - [Low Surrogates \(Unicode block\)](#)
 - [High Surrogates \(Unicode block\)](#)
 - [High Private Use Surrogates \(Unicode block\)](#)
- [Tags \(Unicode block\)](#)
- [Variation Selectors](#)
 - [Variation Selectors \(Unicode block\)](#)
 - [Variation Selectors Supplement \(Unicode block\)](#)

See also

- [Comparison of Unicode encodings](#)
- [Free software Unicode typefaces](#)
- [GNU Unifont](#)
- [List of Unicode radicals](#)
- [List of Unicode fonts](#)
- [List of typefaces](#)
- [Typographic unit](#)
- [Unicode Consortium](#)
- [Unicode fallback font](#)
- [Unicode typeface](#)
- [Universal Character Set characters](#)

References

1. Deprecated as of Unicode version 5.2.0 [1] (https://www.unicode.org/reports/tr44/tr44-4.html#Change_History) "U+0149 Latin small letter n preceded by apostrophe was encoded for use in Afrikaans. The character is deprecated, and its use is strongly discouraged. In nearly all cases it is better represented by a sequence of an apostrophe followed by "n"." [2] (<https://www.unicode.org/versions/Unicode6.0.0/UnicodeStandard-6.0.pdf>) pg. 208

- [Unicode 7.0 Character Code Charts \(https://www.unicode.org/charts/\)](https://www.unicode.org/charts/), Unicode, Inc.
- [CWA 13873:2000 – Multilingual European Subsets in ISO/IEC 10646-1 \(http://www.evertype.com/standards/iso10646/pdf/cwa13873.pdf\)](http://www.evertype.com/standards/iso10646/pdf/cwa13873.pdf) [CEN Workshop Agreement 13873](#)
- [Multilingual European Character Set 2 \(MES-2\) Rationale \(http://www.cl.cam.ac.uk/~mgk25/ucs/mes-2-rationale.html\)](http://www.cl.cam.ac.uk/~mgk25/ucs/mes-2-rationale.html), Markus Kuhn, 1998

External links

- [Official web site of the Unicode Consortium \(https://www.unicode.org/\)](https://www.unicode.org/) (English)
 - [decodeunicode.org \(http://www.decodeunicode.org/\)](http://www.decodeunicode.org/) Unicode-Wiki with images of all 98,884 graphical unicode characters (German/English, [full text search](#))
 - [Letters with diacritical marks, grouped alphabetically \(http://pinyin.info/unicode/diacritics.html\)](http://pinyin.info/unicode/diacritics.html), Pinyin.info
 - [UTF-8 encoding table and Unicode characters \(http://www.utf8-chartable.de/unicode-utf8-table.pl?utf8=oct&unicodeinhtml=dec&htmlent=1\)](http://www.utf8-chartable.de/unicode-utf8-table.pl?utf8=oct&unicodeinhtml=dec&htmlent=1)
 - [Remove Special | Specific Characters \(http://www.text-filter.com/Remove-Special-Characters-Specific-Numbers-Letters-Certain-Non-Alphanumeric-Characters-From-Text-Excel-Online.htm\)](http://www.text-filter.com/Remove-Special-Characters-Specific-Numbers-Letters-Certain-Non-Alphanumeric-Characters-From-Text-Excel-Online.htm) From The Text String.
 - [Unicode® character table \(https://unicode-table.com/en/\)](https://unicode-table.com/en/)
-

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