Letterlike Symbols

Range: 2100-214F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 7.0*

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard. See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts.

See http://www.unicode.org/charts/PDF/Unicode-7.0/ for charts showing only the characters added in Unicode 7.0.

See http://www.unicode.org/Public/7.0.0/charts/ for a complete archived file of character code charts for Unicode 7.0.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 7.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 7.0, online at http://www.unicode.org/versions/Unicode7.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, and #45, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

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See http://www.unicode.org/charts/fonts.html for a list.

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See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.

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	210	211	212	213	214
0	<i>a</i> / _c	<i>J</i> 2110	SM 2120	E 2130	2140
1	<i>a</i> / _S	3	TEL 2121	F	5
2	2102	£ 2112	TM	<u>H</u>	2142
3	°C	<i>l</i>	2123	M 2133	2143
4	\$	H 2114	2124	<i>O</i> -	人
5	<i>C</i> / _O 2105	2115	3	2135	2145
6	<i>C</i> / <i>u</i>	No 2116	Ω 2126	2136	2146
7	E	P 2117	5)	@
8	2108	5 2	3	7	 2148
9	°F	2119	1	1 2139	5 2149
Α	G 210A	211A	K	213A	1 2
В	H 210B	R 211B	Å 212B	FAX	25
С	5	R 211C	B 212C	11 C 213C	214C
D	H 210D	R 211D	C 212D	> 213D	A/S 214D
Е	h	R 211E	<u>C</u>	213E	H
F	ħ	R 211F	<i>e</i>	213F	999 214F

Letterlike symbols			2114	$\mathscr{F}_{\!$	L B BAR SYMBOL
Some of the letterlike symbols are intended to complete the					= pounds
set of mathematical alphanumeric symbols starting at					→ 0023 # number sign
1D400.			2115	N	DOUBLE-STRUCK CAPITAL N
2100	$a_{\!\!/\!\!c}$	ACCOUNT OF			= natural number
		\approx 0061 a 002F / 0063 c			 a glyph variant with doubled vertical strokes exists
2101	a_s	ADDRESSED TO THE SUBJECT			\approx 004E N latin capital letter n
		→ 214D ⁴ / _s aktieselskab	2116	No	NUMERO SIGN
		\approx 0061 a 002F / 0073 s	2110	110	$\approx 004E \text{N} 006F \text{o}$
2102	\mathbb{C}	DOUBLE-STRUCK CAPITAL C	2117	(P)	SOUND RECORDING COPYRIGHT
		= the set of complex numbers	2111	U)	= published
		≈ 0043 C latin capital letter c			= phonorecord sign
2103	°C	DEGREE CELSIUS			→ 00A9 © copyright sign
		= degrees Centigrade			→ 24C5 (P) circled latin capital letter p
0.40.4		≈ 00B0 ° 0043 C	2118	80	SCRIPT CAPITAL P
2104	Œ.	CENTRE LINE SYMBOL		Ü	* WEIERSTRASS ELLIPTIC FUNCTION
0405	C/	= clone			• actually this has the form of a lowercase
2105	%	CARE OF			calligraphic p, despite its name
0400	C /	≈ 0063 c 002F / 006F o	2119	\mathbb{P}	DOUBLE-STRUCK CAPITAL P
2106	%u				$pprox$ 0050 ${f P}$ latin capital letter ${f p}$
0407		$\approx 0063 \text{ c} \ 002\text{F} / \ 0075 \text{ u}$	211A	\mathbb{Q}	DOUBLE-STRUCK CAPITAL Q
2107	3	EULER CONSTANT			= the set of rational numbers
		→ 0045 E latin capital letter e			$pprox$ 0051 $\mathbf Q$ latin capital letter $\mathbf q$
0400	\sim	≈ 0190 € latin capital letter open e	211B	${\mathscr R}$	SCRIPT CAPITAL R
2108	Э	SCRUPLE DECREE FALIRENILIEIT			= Riemann Integral
2109	Г	DEGREE FAHRENHEIT ≈ 00B0 ° 0046 F	0440	~	\approx 0052 R latin capital letter r
2104	_		211C	\Re	
210A	\mathscr{Q}	SCRIPT SMALL G = real number symbol			= real part
		\approx 0067 g latin small letter g	211D	ш	≈ 0052 R latin capital letter r
210B	H	SCRIPT CAPITAL H	2110	\mathbb{R}	DOUBLE-STRUCK CAPITAL R = the set of real numbers
2100	oi	= Hamiltonian operator			\approx 0052 R latin capital letter r
		≈ 0048 H latin capital letter h	211E	R.	PRESCRIPTION TAKE
210C	5	BLACK-LETTER CAPITAL H	2116	11	= recipe
	~	= Hilbert space			= cross ratio
		≈ 0048 H latin capital letter h	211F	Ř	RESPONSE
210D	Н	DOUBLE-STRUCK CAPITAL H	2120	SM	SERVICE MARK
		pprox 0048 H latin capital letter h			\approx <super> 0053 \mathbf{S} 004D \mathbf{M}</super>
210E	h	PLANCK CONSTANT	2121	Tel	TELEPHONE SIGN
		= height, specific enthalpy,			• typical forms for this symbol may use lower
		• simply a mathematical italic h; this character's			case, small caps or superscripted letter shapes
		name results from legacy usage			→ 260E 🏗 black telephone
0405		\approx 0068 h latin small letter h			\rightarrow 2706 © telephone location sign
210F	ħ	PLANCK CONSTANT OVER TWO PI			→ 1F4DE 🧈 telephone receiver
		→ 045B ħ cyrillic small letter tshe			\approx 0054 T 0045 E 004C L
0440	~	\approx 0127 \hbar latin small letter h with stroke	2122	TM	TRADE MARK SIGN
2110	${\mathscr I}$				→ 1F12E ® circled wz
0111	~	≈ 0049 I latin capital letter i	0.400	*i)r	\approx <super> 0054 T 004D M</super>
2111	\Im	BLACK-LETTER CAPITAL I	2123	V	VERSICLE
		= imaginary part	2124	\mathbb{Z}	
2112	L	≈ 0049 I latin capital letter i SCRIPT CAPITAL L			= the set of integers
2112	L	= Laplace transform	0405	7	\approx 005A Z latin capital letter z
		\approx 004C L latin capital letter l	2125	3	OUNCE SIGN
2113	ℓ	SCRIPT SMALL L			→ 0292 3 latin small letter ezh
2110	v	= mathematical symbol 'ell'	2126	Ω	→ 1F773 🐕 alchemical symbol for half ounce OHM SIGN
		= liter (traditional symbol)	2120	77	
		• despite its character name, this symbol is			 SI unit of resistance, named after G. S. Ohm, German physicist
		derived from a special italicized version of the			• preferred representation is 03A9 Ω
		small letter l			\rightarrow 260A Ω ascending node
		• the SI recommended symbol for liter is 006C 1			\equiv 03A9 Ω greek capital letter omega
		or 004C L			g
		\rightarrow 1D4C1 ℓ mathematical script small I			

 \approx 006C 1 latin small letter l

2127	Ω	INVERTED OHM SIGN = mho	2137	٦	GIMEL SYMBOL = third transfinite cardinal (functions of a real
		 archaic unit of conductance (= the SI unit siemens) 			variable) ≈ 05D2 🕽 hebrew letter gimel
		 typographically a turned greek capital letter omega 	2138	7	DALET SYMBOL = fourth transfinite cardinal
		\rightarrow 01B1 \mathbf{O} latin capital letter upsilon			≈ 05D3 7 hebrew letter dalet
		→ 03A9 Ω greek capital letter omega → 260B ਪ descending node	Addit	tiona	al letterlike symbols
2128	3	BLACK-LETTER CAPITAL Z	2139	i	INFORMATION SOURCE
	Ü	$pprox$ 005A ${f Z}$ latin capital letter z			• intended for use with 20DD ⊚ → 1F6C8 ① circled information source
2129	1	TURNED GREEK SMALL LETTER IOTA			~ 2139 FE0E text style
		 unique element fulfilling a description (logic) → 03B9 i greek small letter iota 			~ 2139 FE0F emoji style
212A	K	KELVIN SIGN	2424	\sim	≈ 0069 i latin small letter i
	0	\equiv 004B K latin capital letter k	213A	0	ROTATED CAPITAL Qa binding signature mark
212B	Å	ANGSTROM SIGN	213B	Fax	FACSIMILE SIGN
		• non SI length unit (=0.1 nm) named after A. J. Ångström, Swedish physicist			• typical forms for this symbol may use lower
		 preferred representation is 00C5 Å 			case, small caps or superscripted letter shapes → 2121 TeL telephone sign
0400	~	\equiv 00C5 Å latin capital letter a with ring above			\rightarrow 2121 let telephone sign \rightarrow 1F4E0 \triangle fax machine
212C	\mathscr{B}	SCRIPT CAPITAL B = Bernoulli function			$\approx 0046 \text{F} 0041 \text{A} 0058 \text{X}$
		\approx 0042 B latin capital letter b	213C	\mathbb{T}	DOUBLE-STRUCK SMALL PI
212D	\mathfrak{C}	BLACK-LETTER CAPITAL C	213D	¥	≈ 03C0 π greek small letter pi DOUBLE-STRUCK SMALL GAMMA
212E	е	≈ 0043 C latin capital letter c ESTIMATED SYMBOL	2100	A	\approx 03B3 γ greek small letter gamma
2120	C	used in European packaging	213E	Γ	DOUBLE-STRUCK CAPITAL GAMMA
		\rightarrow 0065 e latin small letter e	0405		$pprox$ 0393 Γ greek capital letter gamma
212F	e	SCRIPT SMALL E	213F	П	DOUBLE-STRUCK CAPITAL PI \approx 03A0 Π greek capital letter pi
		= error = natural exponent	Doub	lo-ct	truck large operator
		\approx 0065 e latin small letter e	2140	»ie-3i	DOUBLE-STRUCK N-ARY SUMMATION
2130	\mathscr{E}	SCRIPT CAPITAL E	2110	<u>//</u>	\approx 2211 \sum n-ary summation
		= emf (electromotive force) ≈ 0045 E latin capital letter e	Addit	tiona	al letterlike symbols
2131	${\mathscr F}$	SCRIPT CAPITAL F	2141	Э	TURNED SANS-SERIF CAPITAL G
		= Fourier transform	2142	7	= game
2132	Н	$pprox$ 0046 $\mathbf F$ latin capital letter f TURNED CAPITAL $\mathbf F$	2142	٦ _	TURNED SANS-SERIF CAPITAL L REVERSED SANS-SERIF CAPITAL L
2.02	_	= Claudian digamma inversum	2144	Y	TURNED SANS-SERIF CAPITAL Y
		• lowercase is 214E a	Doub	le-st	truck italic math symbols
		→ 0046 F latin capital letter f → 03DC F greek letter digamma			zed mathematical symbols are used in some
2133	\mathcal{M}	SCRIPT CAPITAL M			s to distinguish special mathematical usages from
		= M-matrix (physics)	2145	лгу vc D	ariables. DOUBLE-STRUCK ITALIC CAPITAL D
		German Mark currency symbol, before WWIIwhen used for the Mark symbol, the range of	2140	עו	• sometimes used for the differential
		glyph variation is restricted			pprox 0044 D latin capital letter d
		→ 20BB ♥ nordic mark sign	2146	d	DOUBLE-STRUCK ITALIC SMALL D
2134	0	pprox 004D $f M$ latin capital letter m SCRIPT SMALL $f O$			• sometimes used for the differential ≈ 0064 d latin small letter d
2101		= order, of inferior order to	2147	е	DOUBLE-STRUCK ITALIC SMALL E
		\approx 006F o latin small letter o			• sometimes used for the natural exponent
Hebrew letterlike math symbols			2148	i	≈ 0065 e latin small letter e DOUBLE-STRUCK ITALIC SMALL I
		eft-to-right characters.	2170	Ш	• sometimes used for the imaginary unit
2135	×	ALEF SYMBOL = first transfinite cardinal (countable)			pprox 0069 i latin small letter i
		\approx 05D0 X hebrew letter alef	2149	j	DOUBLE-STRUCK ITALIC SMALL J
2136	コ	BET SYMBOL			• sometimes used for the imaginary unit ≈ 006A j latin small letter j
		= second transfinite cardinal (the continuum) ≈ 05D1 ☐ hebrew letter bet	Addit	tions	al letterlike symbols
		≈ uoul 🗕 nebrew ieller bet			DDODEDTY LINE

214A № PROPERTY LINE

- 214B 😗 TURNED AMPERSAND
 - used in linear logic
 - \rightarrow 0026 & ampersand
- 214C ₩ PER SIGN
 - abbreviates the word 'per'
- 214D ^A/s AKTIESELSKAB
 - \rightarrow 2101 % addressed to the subject

Lowercase Claudian letter

Claudian letters in inscriptions are uppercase, but may be transcribed by scholars in lowercase.

- 214E 4 TURNED SMALL F
 - uppercase is 2132 **H**
 - → 03DD **F** greek small letter digamma

Biblical editorial symbol

214F www. SYMBOL FOR SAMARITAN SOURCE