Letterlike Symbols Range: 2100–214F

This file contains an excerpt from the character code tables and list of character names for the Unicode Standard, last updated for *The Unicode Standard, Version 4.0.*

This file may be updated as necessary to reflect errata without notice. For an up-to-date list of errata, see http://www.unicode.org/errata/

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These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 4.0 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 excerpt file, please consult the appropriate sections of The Unicode Standard, Version 4.0 (ISBN 0-321-18578-1), as well as Unicode Standard Annexes #9, #11, #14, #15, #24 and #29, the other Unicode Technical Reports and the Unicode Character Database, which are available on-line.

See http://www.unicode.org/Public/UNIDATA/UCD.html 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/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	J 2110	SM 2120	2130	2140
1	<i>a</i> / _S	3	TEL 2121	F 2131	5
2	C 2102	£ 2112	TM	<u>H</u>	2142
3	°C	<i>l</i>	X 2123	M 2133	2143
4	\$	£ 2114	Z 2124	Q 2134	2144
5	C/O 2105	2115	3	2135	
6	<i>C/u</i>	No 2116	<u>Ω</u>	2136	2146
7	E	P	7	2137	£
8	2108	§ O 2118	3	7 2138	<u>İ</u> 2148
9	°F	P 2119	1	1 2139	J
Α	y 210A	Q	K	213A	1 214A
В	H 210B	R 211B	Å 212B	FAX	2
С	5 5	R 211C	B 212C		
D	210D	\mathbb{R}	C	>	
E	h	R	212D e	213D	
F	210E **The content of the content o	211E R 211F	212E C 212F	213E	

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Letterlike symbols

Some of the letterlike symbols are intended to complete the set of mathematical alphanumeric symbols starting at U+1D400.

- 2100 % ACCOUNT OF \approx 0061 a 002F / 0063 c
- 2101 % ADDRESSED TO THE SUBJECT
- $\approx 0061 \text{ a } 002\text{F} / 0073 \text{ s}$
- 2102 © DOUBLE-STRUCK CAPITAL C = the set of complex numbers
 - \approx 0043 C latin capital letter c
- 2103 °C DEGREE CELSIUS = degrees Centigrade \approx 00B0 ° 0043 C
- 2104 ¢ CENTRE LINE SYMBOL = clone
- 2105 % CARE OF
- $\approx 0063 \text{ c} \ 002\text{F} / \ 006\text{F} \text{ o}$
- 2106 % CADA UNA $\approx 0063 \text{ c} \ 002\text{F} / \ 0075 \text{ u}$
- 2107 E EULER CONSTANT → 0045 E latin capital letter e $\approx 0190 \, \text{E}$ latin capital letter open e
- 2108 Э SCRUPLE
- 2109 °F DEGREE FAHRENHEIT \approx 00B0 ° 0046 F
- 210A 🕡 SCRIPT SMALL G = real number symbol \approx 0067 g latin small letter g
- 210B # SCRIPT CAPITAL H = Hamiltonian function ≈ 0048 H latin capital letter h
- 210С 5 BLACK-LETTER CAPITAL H = Hilbert space
- ≈ 0048 H latin capital letter h 210D H DOUBLE-STRUCK CAPITAL H
- ≈ 0048 H latin capital letter h
- 210E h PLANCK CONSTANT \approx 0068 h latin small letter h
- 210F ħ PLANCK CONSTANT OVER TWO PI → 045B ħ cyrillic small letter tshe \approx 0127 ħ latin small letter h with stroke
- \approx 0049 I latin capital letter i 2111 3 BLACK-LETTER CAPITAL I
- = imaginary part
- ≈ 0049 I latin capital letter i
- SCRIPT CAPITAL L 2112 ℒ = Laplace symbol
 - ≈ 004C L latin capital letter l

- 2113 ℓ SCRIPT SMALL L
 - = mathematical symbol 'ell'
 - = liter (traditional symbol)
 - despite its character name, this symbol is derived from a special italicized version of the small letter l
 - the SI recommended symbol for liter is 006C 1
 - → 1D4C1 / mathematical script small 1 \approx 006C 1 latin small letter 1
- 2114 F
 - L B BAR SYMBOL
 - = pounds
- DOUBLE-STRUCK CAPITAL N 2115 ℕ = natural number
 - \approx 004E N latin capital letter n
- 2116 № NUMERO SIGN $\approx 004E N 006F o$
- 2117 ® SOUND RECORDING COPYRIGHT = published
 - = phonorecord sign
 - → 00A9 © copyright sign
- SCRIPT CAPITAL P 2118 6
 - = Weierstrass elliptic function
 - actually this has the form of a lowercase calligraphic p, despite its name
- DOUBLE-STRUCK CAPITAL P 2119 \approx 0050 P latin capital letter p
- 211A Q DOUBLE-STRUCK CAPITAL O = the set of rational numbers \approx 0051 Q latin capital letter q
- 211B R SCRIPT CAPITAL R = Riemann Integral \approx 0052 R latin capital letter r
- 211C R BLACK-LETTER CAPITAL R
 - = real part \approx 0052 R latin capital letter r
- 211D

 R DOUBLE-STRUCK CAPITAL R = the set of real numbers \approx 0052 R latin capital letter r
- 211E R PRESCRIPTION TAKE
 - = recipe = cross ratio
- 211F R **RESPONSE**
- 2120 SM SERVICE MARK \approx <super> 0053 S 004D M
- 2121 TEL TELEPHONE SIGN $\approx 0054 \text{ T} 0045 \text{ E} 004\text{C L}$
- 2122 TM TRADE MARK SIGN \approx <super> 0054 T 004D M
- 2123 ¥ VERSICLE
- 2124 Z DOUBLE-STRUCK CAPITAL Z = the set of integers \approx 005A Z latin capital letter z
- 2125 ₹ OUNCE SIGN
 - → 021D 3 latin small letter yogh

2126 Ω OHM SIGN • SI unit of resistance, named after G. S. Ohm, German physicist • preferred representation is 03A9 Ω \equiv 03A9 Ω greek capital letter omega 2127 ℧ INVERTED OHM SIGN = MHO • archaic unit of conductance (= the SI unit siemens) • typographically a turned greek capital letter omega → 01B1 O latin capital letter upsilon \rightarrow 03A9 Ω greek capital letter omega 2128 3 BLACK-LETTER CAPITAL Z \approx 005A Z latin capital letter z 2129 ₁ TURNED GREEK SMALL LETTER IOTA • unique element fulfilling a description (logic) → 03B9 ι greek small letter iota 212A K KELVIN SIGN = 004B K latin capital letter k 212B Å ANGSTROM SIGN • non SI length unit (=0.1 nm) named after A. J. Ångström, Swedish physicist preferred representation is 00C5 Å = 00C5 Å latin capital letter a with ring above 212C B SCRIPT CAPITAL B = Bernoulli function ≈ 0042 B latin capital letter b 212D & BLACK-LETTER CAPITAL C \approx 0043 C latin capital letter c 212E e ESTIMATED SYMBOL • used in European packaging → 0065 e latin small letter e 212F e SCRIPT SMALL E = error ≈ 0065 e latin small letter e 2130 & SCRIPT CAPITAL E = emf (electromotive force) \approx 0045 E latin capital letter e 2131 F SCRIPT CAPITAL F = Fourier transform \approx 0046 F latin capital letter f 2132 H TURNED CAPITAL F → 0046 F latin capital letter f

2133 M SCRIPT CAPITAL M

2134 a SCRIPT SMALL O

= M-matrix (physics)

= order, of inferior order to

= German Mark (not the current Deutsche

 \approx 004D M latin capital letter m

 \approx 006F o latin small letter o

Hebrew letterlike math symbols

There are left-to-right characters.

2135 X ALEF SYMBOL

= first transfinite cardinal (countable)

 $\approx 05D0 \ \aleph$ hebrew letter alef

2136 D BET SYMBOL

= second transfinite cardinal (the continuum)

≈ 05D1 ☐ hebrew letter bet

2137 3 GIMEL SYMBOL

= third transfinite cardinal (functions of a real variable)

≈ 05D2 λ hebrew letter gimel

2138 7 DALET SYMBOL

= fourth transfinite cardinal

≈ 05D3 7 hebrew letter dalet

Additional letterlike symbols

2139 i INFORMATION SOURCE

• intended for use with 20DD

≈ 0069 i latin small letter i

213A O ROTATED CAPITAL Q

· a binding signature mark

213B FAX FACSIMILE SIGN

 \rightarrow 2121 TEL telephone sign \approx 0046 F 0041 A 0058 X

213C Square (reserved>

213D y DOUBLE-STRUCK SMALL GAMMA

≈ 03B3 γ greek small letter gamma

213E

□ DOUBLE-STRUCK CAPITAL GAMMA

≈ 0393 Γ greek capital letter gamma

213F Ⅲ DOUBLE-STRUCK CAPITAL PI

≈ 03A0 ∏ greek capital letter pi

Double-struck large operator

2140 ∑ DOUBLE-STRUCK N-ARY SUMMATION
≈ 2211 ∑ n-ary summation

Additional letterlike symbols

2141 9 TURNED SANS-SERIF CAPITAL G = game

2142 7 TURNED SANS-SERIF CAPITAL L

2143 J REVERSED SANS-SERIF CAPITAL L

2144 A TURNED SANS-SERIF CAPITAL Y

Double-struck italic mathematical symbols

These stylized mathematical symbols are used in some documents to distinguish special mathematical usages from ordinary variables.

2145 D DOUBLE-STRUCK ITALIC CAPITAL D

• sometimes used for the differential

 \approx 0044 D latin capital letter d

2146 @ DOUBLE-STRUCK ITALIC SMALL D

• sometimes used for the differential

≈ 0064 d latin small letter d

- 2147 @ DOUBLE-STRUCK ITALIC SMALL E
 - sometimes used for the natural exponent
 - \approx 0065 e latin small letter e
- 2148 i DOUBLE-STRUCK ITALIC SMALL I
 - sometimes used for the imaginary unit
 - \approx 0069 i latin small letter i
- 2149 j DOUBLE-STRUCK ITALIC SMALL J
 - sometimes used for the imaginary unit
 - \approx 006A j latin small letter j

Additional letterlike symbols

- 214A ₱ PROPERTY LINE
- 214B & TURNED AMPERSAND
 - used in linear logic
 - → 0026 & ampersand