

Greek and Coptic

Range: 0370–03FF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 12.1*

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-12.1/> for charts showing only the characters added in Unicode 12.1.
See <http://www.unicode.org/Public/12.1.0/charts/> for a complete archived file of character code charts for Unicode 12.1.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 12.1 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 12.1, online at <http://www.unicode.org/versions/Unicode12.1.0/>, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, 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.

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.

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

Terms of Use

You may freely use these code charts for personal or internal business uses only. You may not incorporate them either wholly or in part into any product or publication, or otherwise distribute them without express written permission from the Unicode Consortium. However, you may provide links to these charts.

The fonts and font data used in production of these code charts may NOT be extracted, or used in any other way in any product or publication, without permission or license granted by the typeface owner(s).

The Unicode Consortium is not liable for errors or omissions in this file or the standard itself. Information on characters added to the Unicode Standard since the publication of the most recent version of the Unicode Standard, as well as on characters currently being considered for addition to the Unicode Standard can be found on the Unicode web site.

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

Copyright © 1991-2019 Unicode, Inc. All rights reserved.

	037	038	039	03A	03B	03C	03D	03E	03F
0	Ϝ 0370		ί 0390	Π 03A0	Ϛ 03B0	π 03C0	ϛ 03D0	ϣ 03E0	κ 03F0
1	ϝ 0371		Α 0391	Ρ 03A1	α 03B1	ρ 03C1	ϣ 03D1	ϣ 03E1	ϙ 03F1
2	Ϟ 0372		Β 0392		β 03B2	ς 03C2	Υ 03D2	Ω 03E2	Ϙ 03F2
3	ϟ 0373		Γ 0393	Σ 03A3	γ 03B3	σ 03C3	Υ 03D3	ω 03E3	ϙ 03F3
4	Ϡ 0374	Ϡ 0384	Δ 0394	Τ 03A4	δ 03B4	τ 03C4	Ϛ 03D4	ϣ 03E4	Θ 03F4
5	ϡ 0375	ϡ 0385	Ε 0395	Υ 03A5	ε 03B5	υ 03C5	ϕ 03D5	ϣ 03E5	€ 03F5
6	Ϣ 0376	Ά 0386	Ζ 0396	Φ 03A6	ζ 03B6	φ 03C6	ϖ 03D6	ϣ 03E6	ϣ 03F6
7	ϣ 0377	· 0387	Η 0397	Χ 03A7	η 03B7	χ 03C7	ϣ 03D7	ϣ 03E7	Ϣ 03F7
8		Έ 0388	Θ 0398	Ψ 03A8	θ 03B8	ψ 03C8	Ϟ 03D8	ϣ 03E8	Ϣ 03F8
9		Ή 0389	Ι 0399	Ω 03A9	ι 03B9	ω 03C9	ϙ 03D9	ϣ 03E9	Ϣ 03F9
A	ϣ 037A	Ί 038A	Κ 039A	Ϊ 03AA	κ 03BA	ϊ 03CA	ϙ 03DA	ϣ 03EA	Μ 03FA
B	ϣ 037B		Λ 039B	Ϛ 03AB	λ 03BB	Ϛ 03CB	ς 03DB	ϣ 03EB	Ϣ 03FB
C	ϣ 037C	Ό 038C	Μ 039C	ά 03AC	μ 03BC	ό 03CC	Ϝ 03DC	ϛ 03EC	ρ 03FC
D	ϣ 037D		Ν 039D	έ 03AD	ν 03BD	ύ 03CD	Ϝ 03DD	σ 03ED	ϣ 03FD
E	ϣ 037E	Ύ 038E	Ξ 039E	ή 03AE	ξ 03BE	ώ 03CE	ϣ 03DE	† 03EE	ϣ 03FE
F	ϣ 037F	Ό 038F	Ο 039F	ί 03AF	ο 03BF	Ϟ 03CF	ϣ 03DF	† 03EF	ϣ 03FF

Casing relationships between Greek letters are complex and not self-evident from inspection of the charts. See the core specification for details.

Archaic letters

- 0370 Η GREEK CAPITAL LETTER HETA
→ 2C75 **Ɔ** latin capital letter half h
- 0371 η GREEK SMALL LETTER HETA
→ 2C76 **Ɔ** latin small letter half h
- 0372 Ͳ GREEK CAPITAL LETTER ARCHAIC SAMPI
- 0373 ͳ GREEK SMALL LETTER ARCHAIC SAMPI

Numeral signs

- 0374 Ϟ GREEK NUMERAL SIGN
= dexia keraia
• indicates numeric use of letters
→ 02CA Ϟ modifier letter acute accent
≡ 02B9 Ϟ modifier letter prime
- 0375 ϟ GREEK LOWER NUMERAL SIGN
= aristeri keraia
• indicates numeric use of letters
→ 02CF ϟ modifier letter low acute accent

Archaic letters

- 0376 Ͱ GREEK CAPITAL LETTER PAMPHYLIAN DIGAMMA
- 0377 ͱ GREEK SMALL LETTER PAMPHYLIAN DIGAMMA

Iota subscript

- 037A Ϸ GREEK YPOGEGRAMMENI
= iota subscript
→ 0345 Ϸ combining greek ypogegrammeni
≈ 0020 **[sp]** 0345 Ϸ

Lowercase of editorial symbols

- 037B ϸ GREEK SMALL REVERSED LUNATE SIGMA SYMBOL
- 037C Ϲ GREEK SMALL DOTTED LUNATE SIGMA SYMBOL
- 037D Ϻ GREEK SMALL REVERSED DOTTED LUNATE SIGMA SYMBOL

Punctuation

- 037E Ͽ GREEK QUESTION MARK
= erotimatiko
• sentence-final punctuation
• 003B Ͽ is the preferred character
→ 003F Ͽ question mark
≡ 003B Ͽ ; semicolon

Additional letter

- 037F Ͳ GREEK CAPITAL LETTER YOT
• lowercase is 03F3 j

Spacing accent marks

- 0384 Ϙ GREEK TONOS
→ 00B4 Ϙ acute accent
→ 030D Ϙ combining vertical line above
≈ 0020 **[sp]** 0301 Ϙ
- 0385 ϙ GREEK DIALYTIKA TONOS
• compatibility decomposition (NFKD) is
0020 **[sp]** 0308 Ϙ 0301 Ϙ
≡ 00A8 ϙ 0301 Ϙ

Letter

- 0386 Α GREEK CAPITAL LETTER ALPHA WITH TONOS
≡ 0391 Α 0301 Ϙ

Punctuation

- 0387 Ͽ GREEK ANO TELEIA
• functions in Greek like a semicolon
• 00B7 Ͽ is the preferred character
≡ 00B7 Ͽ middle dot

Letters

- 0388 Ε GREEK CAPITAL LETTER EPSILON WITH TONOS
≡ 0395 Ε 0301 Ϙ
- 0389 Η GREEK CAPITAL LETTER ETA WITH TONOS
≡ 0397 Η 0301 Ϙ
- 038A Ι GREEK CAPITAL LETTER IOTA WITH TONOS
≡ 0399 Ι 0301 Ϙ
- 038B Ͽ <reserved>
- 038C Ο GREEK CAPITAL LETTER OMICRON WITH TONOS
≡ 039F Ο 0301 Ϙ
- 038D Ͽ <reserved>
- 038E Υ GREEK CAPITAL LETTER UPSILON WITH TONOS
≡ 03A5 Υ 0301 Ϙ
- 038F Ω GREEK CAPITAL LETTER OMEGA WITH TONOS
≡ 03A9 Ω 0301 Ϙ
- 0390 Ϸ GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS
≡ 03CA Ϸ 0301 Ϙ
- 0391 Α GREEK CAPITAL LETTER ALPHA
- 0392 Β GREEK CAPITAL LETTER BETA
- 0393 Γ GREEK CAPITAL LETTER GAMMA
= gamma function
→ 213E Γ double-struck capital gamma
- 0394 Δ GREEK CAPITAL LETTER DELTA
→ 2206 Δ increment
- 0395 Ε GREEK CAPITAL LETTER EPSILON
- 0396 Ζ GREEK CAPITAL LETTER ZETA
- 0397 Η GREEK CAPITAL LETTER ETA
- 0398 Θ GREEK CAPITAL LETTER THETA
- 0399 Ι GREEK CAPITAL LETTER IOTA
= iota adscript
- 039A Κ GREEK CAPITAL LETTER KAPPA
- 039B Λ GREEK CAPITAL LETTER LAMDA
- 039C Μ GREEK CAPITAL LETTER MU
- 039D Ν GREEK CAPITAL LETTER NU
- 039E Ξ GREEK CAPITAL LETTER XI
- 039F Ο GREEK CAPITAL LETTER OMICRON
- 03A0 Π GREEK CAPITAL LETTER PI
→ 213F Π double-struck capital pi
→ 220F Π n-ary product
- 03A1 Ρ GREEK CAPITAL LETTER RHO
- 03A2 Ͽ <reserved>
- 03A3 Σ GREEK CAPITAL LETTER SIGMA
→ 01A9 Σ latin capital letter esh
→ 2211 Σ n-ary summation
- 03A4 Τ GREEK CAPITAL LETTER TAU
- 03A5 Υ GREEK CAPITAL LETTER UPSILON
- 03A6 Φ GREEK CAPITAL LETTER PHI
- 03A7 Χ GREEK CAPITAL LETTER CHI
- 03A8 Ψ GREEK CAPITAL LETTER PSI
- 03A9 Ω GREEK CAPITAL LETTER OMEGA
→ 2126 Ω ohm sign
→ 2127 Ω inverted ohm sign
- 03AA Ͳ GREEK CAPITAL LETTER IOTA WITH DIALYTIKA
≡ 0399 Ι 0308 Ϙ

03AB	Ų	GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA ≡ 03A5 Ų 0308 ö	03C6	φ	GREEK SMALL LETTER PHI • the ordinary Greek letter, showing considerable glyph variation • in mathematical contexts, the loopy glyph is preferred, to contrast with 03D5 ϕ → 0278 ϕ latin small letter phi → 03D5 ϕ greek phi symbol
03AC	ά	GREEK SMALL LETTER ALPHA WITH TONOS ≡ 03B1 α 0301 ó	03C7	χ	GREEK SMALL LETTER CHI → AB53 χ latin small letter chi
03AD	έ	GREEK SMALL LETTER EPSILON WITH TONOS ≡ 03B5 ε 0301 ó	03C8	ψ	GREEK SMALL LETTER PSI
03AE	ή	GREEK SMALL LETTER ETA WITH TONOS ≡ 03B7 η 0301 ó	03C9	ω	GREEK SMALL LETTER OMEGA → A7B7 ω latin small letter omega
03AF	ί	GREEK SMALL LETTER IOTA WITH TONOS ≡ 03B9 ι 0301 ó	03CA	ϊ	GREEK SMALL LETTER IOTA WITH DIALYTIKA ≡ 03B9 ι 0308 ö
03B0	ύ	GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS ≡ 03CB ü 0301 ó	03CB	ϋ	GREEK SMALL LETTER UPSILON WITH DIALYTIKA ≡ 03C5 υ 0308 ö
03B1	α	GREEK SMALL LETTER ALPHA → 0251 α latin small letter alpha → 221D α proportional to	03CC	ό	GREEK SMALL LETTER OMICRON WITH TONOS ≡ 03BF ο 0301 ó
03B2	β	GREEK SMALL LETTER BETA → 00DF ß latin small letter sharp s → 0180 b latin small letter b with stroke → A7B5 ß latin small letter beta	03CD	ύ	GREEK SMALL LETTER UPSILON WITH TONOS ≡ 03C5 υ 0301 ó
03B3	γ	GREEK SMALL LETTER GAMMA → 0263 γ latin small letter gamma → 213D γ double-struck small gamma	03CE	ώ	GREEK SMALL LETTER OMEGA WITH TONOS ≡ 03C9 ω 0301 ó
03B4	δ	GREEK SMALL LETTER DELTA	Variant letterforms		
03B5	ε	GREEK SMALL LETTER EPSILON → 025B ε latin small letter open e	03CF	Ϛ	GREEK CAPITAL KAI SYMBOL → 03D7 Ϛ greek kai symbol
03B6	ζ	GREEK SMALL LETTER ZETA	03D0	ϛ	GREEK BETA SYMBOL = curled beta ≈ 03B2 β greek small letter beta
03B7	η	GREEK SMALL LETTER ETA	03D1	Ϝ	GREEK THETA SYMBOL = script theta • used as a technical symbol ≈ 03B8 θ greek small letter theta
03B8	θ	GREEK SMALL LETTER THETA → 0275 ø latin small letter barred o → 0473 ø cyrillic small letter fita	03D2	Ϛ	GREEK UPSILON WITH HOOK SYMBOL ≈ 03A5 Ų greek capital letter upsilon
03B9	ι	GREEK SMALL LETTER IOTA → 0269 ι latin small letter iota → 2129 ι turned greek small letter iota	03D3	ϛ	GREEK UPSILON WITH ACUTE AND HOOK SYMBOL ≡ 03D2 Ų 0301 ó
03BA	κ	GREEK SMALL LETTER KAPPA	03D4	Ϛ	GREEK UPSILON WITH DIAERESIS AND HOOK SYMBOL ≡ 03D2 Ų 0308 ö
03BB	λ	GREEK SMALL LETTER LAMDA = lambda	03D5	ϕ	GREEK PHI SYMBOL • used as a technical symbol, with a stroked glyph • maps to "phi1" symbol entities ≈ 03C6 φ greek small letter phi
03BC	μ	GREEK SMALL LETTER MU → 00B5 μ micro sign	03D6	ω	GREEK PI SYMBOL = omega pi • used as a technical symbol • a variant of pi, looking like omega ≈ 03C0 π greek small letter pi
03BD	ν	GREEK SMALL LETTER NU	03D7	Ϛ	GREEK KAI SYMBOL • used as an ampersand → 2CE4 Ϛ coptic symbol kai
03BE	ξ	GREEK SMALL LETTER XI	Archaic letters		
03BF	ο	GREEK SMALL LETTER OMICRON	03D8	Ϟ	GREEK LETTER ARCHAIC KOPPA
03C0	π	GREEK SMALL LETTER PI • math constant 3.141592...	03D9	ϟ	GREEK SMALL LETTER ARCHAIC KOPPA • the Q-shaped archaic koppas are the ordinary alphabetic letters and can also be used as symbols with a numeric value of 90 in classical and pre-classical texts
03C1	ρ	GREEK SMALL LETTER RHO			
03C2	ς	GREEK SMALL LETTER FINAL SIGMA = stigma (the Modern Greek name for this letterform) • not to be confused with the actual stigma letter → 03DB Ϛ greek small letter stigma			
03C3	σ	GREEK SMALL LETTER SIGMA • used symbolically with a numeric value 200			
03C4	τ	GREEK SMALL LETTER TAU			
03C5	υ	GREEK SMALL LETTER UPSILON → 028A υ latin small letter upsilon → 028B υ latin small letter v with hook			

- 03DA Ϛ GREEK LETTER STIGMA
 • apparently in origin a cursive form of digamma
 • the name “stigma” originally applied to a medieval sigma-tau ligature, whose shape was confusably similar to the cursive digamma
 • used as a symbol with a numeric value of 6
 → 2185 Ϛ roman numeral six late form
- 03DB ϛ GREEK SMALL LETTER STIGMA
 → 03C2 ϛ greek small letter final sigma
- 03DC Ϝ GREEK LETTER DIGAMMA
- 03DD ϝ GREEK SMALL LETTER DIGAMMA
 • used as a symbol with a numeric value of 6
- 03DE Ϟ GREEK LETTER KOPPA
- 03DF ϟ GREEK SMALL LETTER KOPPA
 • used in modern Greek as a symbol with a numeric value of 90, as in the dating of legal documentation
- 03E0 Ϡ GREEK LETTER SAMPI
- 03E1 ϡ GREEK SMALL LETTER SAMPI
 • used as a symbol with a numeric value of 900

Coptic letters derived from Demotic

For other Coptic letters see the Coptic Block.

- 03E2 Ϫ COPTIC CAPITAL LETTER SHEI
- 03E3 ϫ COPTIC SMALL LETTER SHEI
- 03E4 Ϭ COPTIC CAPITAL LETTER FEI
- 03E5 ϭ COPTIC SMALL LETTER FEI
- 03E6 Ϯ COPTIC CAPITAL LETTER KHEI
- 03E7 ϯ COPTIC SMALL LETTER KHEI
- 03E8 ϰ COPTIC CAPITAL LETTER HORI
- 03E9 ϱ COPTIC SMALL LETTER HORI
- 03EA ϲ COPTIC CAPITAL LETTER GANGIA
- 03EB ϳ COPTIC SMALL LETTER GANGIA
- 03EC ϴ COPTIC CAPITAL LETTER SHIMA
- 03ED ϵ COPTIC SMALL LETTER SHIMA
- 03EE ϶ COPTIC CAPITAL LETTER DEI
- 03EF Ϸ COPTIC SMALL LETTER DEI

Variant letterforms

- 03F0 Ϙ GREEK KAPPA SYMBOL
 = script kappa
 • used as technical symbol
 ≈ 03BA ϙ greek small letter kappa
- 03F1 ϙ GREEK RHO SYMBOL
 = tailed rho
 • used as technical symbol
 ≈ 03C1 ϐ greek small letter rho
- 03F2 ϐ GREEK LUNATE SIGMA SYMBOL
 = greek small letter lunate sigma (1.0)
 ≈ 03C2 ϛ greek small letter final sigma

Additional letter

- 03F3 ϑ GREEK LETTER YOT
 • uppercase is 037F J

Variant letterforms and symbols

- 03F4 ϑ GREEK CAPITAL THETA SYMBOL
 → 0472 ϑ cyrillic capital letter fita
 ≈ 0398 Θ greek capital letter theta
- 03F5 ϵ GREEK LUNATE EPSILON SYMBOL
 = straight epsilon
 → 220A € small element of
 ≈ 03B5 ε greek small letter epsilon

- 03F6 Ϸ GREEK REVERSED LUNATE EPSILON SYMBOL
 = reversed straight epsilon
 → 220D Ϸ small contains as member

Additional archaic letters for Bactrian

- 03F7 Ϙ GREEK CAPITAL LETTER SHO
- 03F8 ϙ GREEK SMALL LETTER SHO

Variant letterform

- 03F9 ϐ GREEK CAPITAL LUNATE SIGMA SYMBOL
 ≈ 03A3 Σ greek capital letter sigma

Archaic letters

- 03FA Ϡ GREEK CAPITAL LETTER SAN
- 03FB ϡ GREEK SMALL LETTER SAN

Symbol

- 03FC ϐ GREEK RHO WITH STROKE SYMBOL
 • used with abbreviations containing 03C1 ϐ

Editorial symbols

- 03FD ϐ GREEK CAPITAL REVERSED LUNATE SIGMA SYMBOL
 = antisigma
- 03FE ϐ GREEK CAPITAL DOTTED LUNATE SIGMA SYMBOL
 = sigma periestigmenon
- 03FF ϐ GREEK CAPITAL REVERSED DOTTED LUNATE SIGMA SYMBOL
 = antisigma periestigmenon