

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, 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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	037	038	039	03A	03B	03C	03D	03E	03F
0			ι̇ 0390	Π 03A0	ϖ̇ 03B0	π 03C0	β 03D0	ϣ 03E0	κ 03F0
1			Α 0391	Ρ 03A1	α 03B1	ρ 03C1	ϑ 03D1	ϣ̇ 03E1	ϱ 03F1
2			Β 0392		β 03B2	ς 03C2	Υ 03D2	ϣ̣ 03E2	Ϸ 03F2
3			Γ 0393	Σ 03A3	γ 03B3	σ 03C3	Υ̇ 03D3	ϣ̣̇ 03E3	Ϸ̇ 03F3
4	´ 0374	´ 0384	Δ 0394	Τ 03A4	δ 03B4	τ 03C4	Ϸ̇ 03D4	ϣ̣ 03E4	Θ 03F4
5	´ 0375	´̇ 0385	Ε 0395	Υ 03A5	ε 03B5	υ 03C5	ϕ 03D5	ϣ̣̇ 03E5	€ 03F5
6			Α̇ 0386	Ζ 0396	Φ 03A6	ζ 03B6	φ 03C6	ϣ̣̣ 03D6	ϣ̣̣̇ 03E6
7		· 0387	Η 0397	Χ 03A7	η 03B7	χ 03C7	ϣ̣̣̇ 03D7	ϣ̣̣̣ 03E7	ϣ̣̣̣̇ 03F7
8			Ε̇ 0388	Θ 0398	Ψ 03A8	θ 03B8	ψ 03C8	ϣ̣̣̣̇ 03D8	ϣ̣̣̣̣̇ 03E8
9			Η̇ 0389	Ι 0399	Ω 03A9	ι 03B9	ω 03C9	ϣ̣̣̣̣̇ 03D9	ϣ̣̣̣̣̣̇ 03E9
A	˘ 037A		Ι̇ 038A	Κ 039A	İ̇ 03AA	κ 03BA	ï 03CA	Σ̇ 03DA	Χ̇ 03EA
B			Λ 039B	ÿ̇ 03AB	λ 03BB	ü 03CB	ς̇ 03DB	ϣ̣̣̣̣̣̇ 03EB	ϣ̣̣̣̣̣̣̇ 03FB
C			Ο̇ 038C	Μ 039C	ά 03AC	μ 03BC	ό 03CC	ϣ̣̣̣̣̣̣̇ 03DC	
D			Ν 039D	έ 03AD	ν 03BD	ύ 03CD	ϣ̣̣̣̣̣̣̇ 03DD	ϣ̣̣̣̣̣̣̇ 03ED	
E	; 037E		Υ̇ 038E	ή 03AE	ξ 03BE	ώ 03CE	ϣ̣̣̣̣̣̣̇ 03DE	ϣ̣̣̣̣̣̣̇ 03EE	
F			Ω̇ 038F	ο̇ 039F	ι̇ 03AF	ο̇ 03BF		ϣ̣̣̣̣̣̣̇ 03DF	ϣ̣̣̣̣̣̣̇ 03EF

Based on ISO 8859-7

0374	´	GREEK NUMERAL SIGN = dexia keraia • indicates numeric use of letters → 02CA ´ modifier letter acute accent ≡ 02B9 ´ modifier letter prime	038C	Ό	GREEK CAPITAL LETTER OMICRON WITH TONOS ≡ 039F O 0301 ֆ
0375	,	GREEK LOWER NUMERAL SIGN = aristeri keraia • indicates numeric use of letters → 02CF , modifier letter low acute accent	038D	◻	<reserved>
0376	◻	<reserved>	038E	Υ	GREEK CAPITAL LETTER UPSILON WITH TONOS ≡ 03A5 Y 0301 ֆ
0377	◻	<reserved>	038F	Ω	GREEK CAPITAL LETTER OMEGA WITH TONOS ≡ 03A9 Ω 0301 ֆ
0378	◻	<reserved>	0390	ϊ	GREEK SMALL LETTER IOTA WITH DIALYTIKA AND TONOS ≡ 03CA ι 0301 ֆ
0379	◻	<reserved>	0391	Α	GREEK CAPITAL LETTER ALPHA
037A	˘	GREEK YPOGEGRAMMENI = iota subscript → 0345 ˘ combining greek ypogegrammeni ≈ 0020 sp 0345 ˘	0392	Β	GREEK CAPITAL LETTER BETA
037B	◻	<reserved>	0393	Γ	GREEK CAPITAL LETTER GAMMA = gamma function
037C	◻	<reserved>	0394	Δ	GREEK CAPITAL LETTER DELTA → 2206 Δ increment
037D	◻	<reserved>	0395	Ε	GREEK CAPITAL LETTER EPSILON
037E	;	GREEK QUESTION MARK = erotimatiko • sentence-final punctuation • 003B ; is the preferred character → 003F ? question mark ≡ 003B ; semicolon	0396	Ζ	GREEK CAPITAL LETTER ZETA
037F	◻	<reserved>	0397	Η	GREEK CAPITAL LETTER ETA
0380	◻	<reserved>	0398	Θ	GREEK CAPITAL LETTER THETA
0381	◻	<reserved>	0399	Ι	GREEK CAPITAL LETTER IOTA = iota adscript
0382	◻	<reserved>	039A	Κ	GREEK CAPITAL LETTER KAPPA
0383	◻	<reserved>	039B	Λ	GREEK CAPITAL LETTER LAMDA
0384	´	GREEK TONOS → 00B4 ´ acute accent → 030D ˆ combining vertical line above ≈ 0020 sp 0301 ֆ	039C	Μ	GREEK CAPITAL LETTER MU
0385	ˆ	GREEK DIALYTIKA TONOS ≡ 00A8 ˆ 0301 ֆ	039D	Ν	GREEK CAPITAL LETTER NU
0386	Α	GREEK CAPITAL LETTER ALPHA WITH TONOS ≡ 0391 Α 0301 ֆ	039E	Ξ	GREEK CAPITAL LETTER XI
0387	·	GREEK ANO TELEIA • functions in Greek like a semicolon • 00B7 · is the preferred character ≡ 00B7 · middle dot	039F	Ο	GREEK CAPITAL LETTER OMICRON
0388	Ε	GREEK CAPITAL LETTER EPSILON WITH TONOS ≡ 0395 Ε 0301 ֆ	03A0	Π	GREEK CAPITAL LETTER PI → 220F ∏ n-ary product
0389	Η	GREEK CAPITAL LETTER ETA WITH TONOS ≡ 0397 Η 0301 ֆ	03A1	Ρ	GREEK CAPITAL LETTER RHO
038A	Ι	GREEK CAPITAL LETTER IOTA WITH TONOS ≡ 0399 Ι 0301 ֆ	03A2	◻	<reserved>
038B	◻	<reserved>	03A3	Σ	GREEK CAPITAL LETTER SIGMA → 01A9 Σ latin capital letter esh → 2211 ∑ 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	ϊ	GREEK CAPITAL LETTER IOTA WITH DIALYTIKA ≡ 0399 Ι 0308 ֆ
			03AB	Υ̂	GREEK CAPITAL LETTER UPSILON WITH DIALYTIKA ≡ 03A5 Υ 0308 ֆ
			03AC	α	GREEK SMALL LETTER ALPHA WITH TONOS ≡ 03B1 α 0301 ֆ

03AD ε GREEK SMALL LETTER EPSILON WITH TONOS
≡ 03B5 ε 0301 ς

03AE η GREEK SMALL LETTER ETA WITH TONOS
≡ 03B7 η 0301 ς

03AF ι GREEK SMALL LETTER IOTA WITH TONOS
≡ 03B9 ι 0301 ς

03B0 υ̇ GREEK SMALL LETTER UPSILON WITH DIALYTIKA AND TONOS
≡ 03CB ü 0301 ς

03B1 α GREEK SMALL LETTER ALPHA
→ 0251 α latin small letter alpha
→ 221D ∝ proportional to

03B2 β GREEK SMALL LETTER BETA
→ 00DF β latin small letter sharp s
→ 0180 б latin small letter b with stroke

03B3 γ GREEK SMALL LETTER GAMMA
→ 0263 γ latin small letter gamma

03B4 δ GREEK SMALL LETTER DELTA

03B5 ε GREEK SMALL LETTER EPSILON
→ 025B ε latin small letter open e

03B6 ζ GREEK SMALL LETTER ZETA

03B7 η GREEK SMALL LETTER ETA

03B8 θ GREEK SMALL LETTER THETA
→ 0275 ø latin small letter barred o
→ 0473 ө cyrillic small letter fita

03B9 ι GREEK SMALL LETTER IOTA
→ 0269 ι latin small letter iota
→ 2129 ι turned greek small letter iota

03BA κ GREEK SMALL LETTER KAPPA

03BB λ GREEK SMALL LETTER LAMDA
= lambda

03BC μ GREEK SMALL LETTER MU
→ 00B5 μ micro sign

03BD ν GREEK SMALL LETTER NU

03BE ξ GREEK SMALL LETTER XI

03BF ο GREEK SMALL LETTER OMICRON

03C0 π GREEK SMALL LETTER PI
• math constant 3.141592...

03C1 ρ GREEK SMALL LETTER RHO

03C2 Ϻ GREEK SMALL LETTER FINAL SIGMA
= stigma (the Modern Greek name for this letterform)
• not to be confused with the actual stigma letter
→ 03DB Ϸ 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

03C6 φ GREEK SMALL LETTER PHI
→ 0278 φ latin small letter phi
→ 03D5 ϕ greek phi symbol
• the ordinary Greek letter, showing considerable glyph variation
• in mathematical contexts, the loopy glyph is preferred, to contrast with 03D5 ϕ

03C7 χ GREEK SMALL LETTER CHI

03C8 ψ GREEK SMALL LETTER PSI

03C9 ω GREEK SMALL LETTER OMEGA

03CA ι̇ GREEK SMALL LETTER IOTA WITH DIALYTIKA
≡ 03B9 ι 0308 ö

03CB υ̇ GREEK SMALL LETTER UPSILON WITH DIALYTIKA
≡ 03C5 υ 0308 ö

03CC ó GREEK SMALL LETTER OMICRON WITH TONOS
≡ 03BF ο 0301 ς

03CD ó̇ GREEK SMALL LETTER UPSILON WITH TONOS
≡ 03C5 υ 0301 ς

03CE ω̇ GREEK SMALL LETTER OMEGA WITH TONOS
≡ 03C9 ω 0301 ς

Variant letterforms

03D0 β̇ GREEK BETA SYMBOL
= GREEK SMALL LETTER CURLED BETA
≈ 03B2 β greek small letter beta

03D1 ϑ̇ GREEK THETA SYMBOL
= GREEK SMALL LETTER SCRIPT THETA
• used as a technical symbol
≈ 03B8 θ greek small letter theta

03D2 Υ̇ GREEK UPSILON WITH HOOK SYMBOL
= GREEK CAPITAL LETTER UPSILON HOOK
≈ 03A5 Υ greek capital letter upsilon

03D3 Υ̇̇ GREEK UPSILON WITH ACUTE AND HOOK SYMBOL
= GREEK CAPITAL LETTER UPSILON HOOK TONOS
≡ 03D2 Υ̇ 0301 ς

03D4 Ψ̇̇ GREEK UPSILON WITH DIAERESIS AND HOOK SYMBOL
= GREEK CAPITAL LETTER UPSILON HOOK DIAERESIS
≡ 03D2 Υ̇̇ 0308 ö

03D5 ϕ̇ GREEK PHI SYMBOL
• used as a technical symbol, with a stroked glyph
• maps to “phi1” symbol entities
≈ 03C6 φ greek small letter phi

- 03D6 ω GREEK PI SYMBOL
= GREEK SMALL LETTER OMEGA PI
• used as a technical symbol
• a variant of pi, looking like omega
≈ 03C0 π greek small letter pi
- 03D7 \varkappa GREEK KAI SYMBOL
• used as an ampersand

Archaic letters

- 03D8 Ω GREEK LETTER ARCHAIC KOPPA
- 03D9 ω GREEK SMALL LETTER ARCHAIC KOPPA
• the Q-shaped archaic koppas are the ordinary alphabetic letters
- 03DA Σ 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
- 03DB ς GREEK SMALL LETTER STIGMA
→ 03C2 ς greek small letter final sigma
- 03DC Φ GREEK LETTER DIGAMMA
- 03DD ϕ GREEK SMALL LETTER DIGAMMA
• used as a symbol with a numeric value of 6
- 03DE χ GREEK LETTER KOPPA
- 03DF χ 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 Υ GREEK LETTER SAMPI
- 03E1 \ypsilon GREEK SMALL LETTER SAMPI
• used as a symbol with a numeric value of 900

Coptic letters derived from Demotic

- 03E2 Υ COPTIC CAPITAL LETTER SHEI
- 03E3 \ypsilon COPTIC SMALL LETTER SHEI
- 03E4 Φ COPTIC CAPITAL LETTER FEI
- 03E5 ϕ COPTIC SMALL LETTER FEI
- 03E6 χ COPTIC CAPITAL LETTER KHEI
- 03E7 χ COPTIC SMALL LETTER KHEI
- 03E8 θ COPTIC CAPITAL LETTER HORI
- 03E9 θ COPTIC SMALL LETTER HORI
- 03EA χ COPTIC CAPITAL LETTER GANGIA
- 03EB χ COPTIC SMALL LETTER GANGIA
- 03EC σ COPTIC CAPITAL LETTER SHIMA
- 03ED σ COPTIC SMALL LETTER SHIMA
- 03EE τ COPTIC CAPITAL LETTER DEI
- 03EF τ COPTIC SMALL LETTER DEI

Variant letterforms

- 03F0 \varkappa GREEK KAPPA SYMBOL
= GREEK SMALL LETTER SCRIPT KAPPA
• used as technical symbol
≈ 03BA κ greek small letter kappa
- 03F1 ρ GREEK RHO SYMBOL
= GREEK SMALL LETTER TAILED RHO
• used as technical symbol
≈ 03C1 ρ greek small letter rho
- 03F2 σ GREEK LUNATE SIGMA SYMBOL
= GREEK SMALL LETTER LUNATE SIGMA
≈ 03C2 σ greek small letter final sigma

Additional letter

- 03F3 \jmath GREEK LETTER YOT

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 ϵ small element of
≈ 03B5 ϵ greek small letter epsilon
- 03F6 ε GREEK REVERSED LUNATE EPSILON SYMBOL
= reversed straight epsilon
→ 220D ε small contains as member

Additional archaic letters for Bactrian

- 03F7 ρ GREEK CAPITAL LETTER SHO
- 03F8 ρ GREEK SMALL LETTER SHO

Variant letterform

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

Archaic letters

- 03FA \mathcal{M} GREEK CAPITAL LETTER SAN
- 03FB \mathcal{m} GREEK SMALL LETTER SAN