

Reference Guide

For upper-case alphabetic letters, this library accepts upper-case versions of the beta-code equivalent, e.g. ‘W’ → ‘Ω’, or the asterisk + lower-case encoding original to beta-code, e.g. ‘*w’ → ‘Ω’.

Valid Alphabetic Characters

Note that medial- and terminal-sigmas will be handled by the transcoding.

Unicode	Beta-Code	Description
α	a	alpha (Unicode 945)
β	b	beta (Unicode 946)
γ	g	gamma (Unicode 947)
δ	d	delta (Unicode 948)
ε	e	epsilon (Unicode 949)
ζ	z	zeta (Unicode 950)
η	h	eta (Unicode 951)
θ	q	theta (Unicode 952)
ι	i	iota (Unicode 953)
κ	k	kappa (Unicode 954)
λ	l	lambda (Unicode 955)
μ	m	mu (Unicode 956)
ν	n	nu (Unicode 957)
ξ	c	xi (Unicode 958)
ο	o	omicron (Unicode 959)
π	p	pi (Unicode 960)
ρ	r	rho (Unicode 961)
σ	s	sigma (Unicode 963)
τ	t	tau (Unicode 964)
υ	u	upsilon (Unicode 965)
φ	f	phi (Unicode 966)
χ	x	chi (Unicode 967)
ψ	y	psi (Unicode 968)
ω	w	omega (Unicode 969)

Valid Diacritic Marks

Unicode	Beta-Code	Description
`	\	grave accent (Unicode 768)
´	/	acute accent (Unicode 769)
¨	+	diaeresis (Unicode 776)
’	)	smooth breathing (Unicode 787)
῾	(	rough breathing (Unicode 788)
ˆ	=	circumflex (Unicode 834)
ῑ	|	iota-subscript (Unicode 837)

Valid Punctuation Characters

Unicode	Beta-Code	Description
tab	tab	tab character (Unicode 116)
return	return	carriage-return ‘\n’ (Unicode 114)
space	space	space (Unicode 115)
"	"	quotation mark (Unicode 34)
,	,	comma (Unicode 44)
-	–	hyphen (Unicode 45)
.	.	period (Unicode 46)
;	;	Greek question mark (Unicode 59)
[ | [ | left square bracket (Unicode 91) | ] ]	]	right square bracket (Unicode 93)
:	:	colon (Unicode 183)
#	#	Greek numeral sign (Unicode 697)
—	—	em-dash (Unicode 8212)
’	’	apostrophe, mark of elision (Unicode 8217)

Valid Editorial and Critical Signs

Unicode	Beta-Code	Description
(	[ 1	left parenthesis (Unicode 40)
)	] 1	right parenthesis (Unicode 41)
/	#17	solidus (Unicode 47)
<	#18	reversed diple (Unicode 60)
>	#15	diple (Unicode 62)
?	%1	Latin question mark (Unicode 63)
{	[3	left curly bracket (Unicode 123)

{	{	left curly bracket (Unicode 123)	long vertical bar (Unicode 124)
		⌋	
}	}	right curly bracket (Unicode 125)	
}	]3	right curly bracket (Unicode 125)	
¶	¶163	paragraph sign (Unicode 182)	
×	×	metrical anceps (Unicode 215)	
`	#19	editorial combining grave accent (Unicode 768)	
´	#9	Combining Acute Accent → editorial (Unicode 769)	
.	?	under-dot (Unicode 803)	
,	#22	Greek Lower Numeral Sign (Unicode 885)	
↻	#10	Reversed Lunate Sigma Symbol (Unicode 1021)	
Ϣ	#16	dotted lunate sigma (Unicode 1022)	
ϣ	#11	Reversed Dotted Lunate Sigma Symbol (Unicode 1023)	
—	—	metrical macron (Unicode 8211)	
—	—	en-dash (Unicode 8211)	
—	#12	obelus; em-dash (Unicode 8212)	
||	||	double vertical line (Unicode 8214)	
†	†	dagger/crux (Unicode 8224)	
‡	‡	double dagger (Unicode 8225)	
✱	#13	asteriskos (Unicode 8251)	
✱	✱	asterism (Unicode 8258)	
:	#74	tricolon (Unicode 8285)	
:	#53	tricolon (Unicode 8285)	
˘	˘	metrical breve (Unicode 9169)	
˘	˘	metrical long over short (Unicode 9170)	
˘	˘	metrical short over long (Unicode 9171)	
˘	˘	metrical long over two shorts (Unicode 9172)	
˘	˘	two shorts over one long (Unicode 9173)	
˘	˘	metrical two shorts joined (Unicode 9174)	
ρ	#465	chi rho (Unicode 9767)	
⌈	[4	left white square bracket (Unicode 10214)	
⌋	]4	right white square bracket (Unicode 10215)	
⸴	#310	editorial coronis (Unicode 11790)	
—	#6	paragraphos (Unicode 11791)	
—	#8	forked paragraphos (Unicode 11792)	
⸴	#14	diple periestigmene (Unicode 11798)	
◁	[2	left-pointing angle bracket (Unicode 12296)	

}	12	right-pointing angle bracket (Unicode 12297)
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Valid Archaic and Esoteric Characters

Unicode	Beta-Code	Description
Ͱ	#400	heta (Unicode 881)
ͱ	#3	archaic koppa (Unicode 985)
Ͳ	#2	stigma (Unicode 987)
ͳ	#4	glyph variant of archaic koppa (Unicode 990)
ʹ	#1	koppa (Unicode 991)
͵	#5	sampi (Unicode 993)

Valid Mathematical Symbols

Unicode	Beta-Code	Description
∞	#150	infinity (Unicode 8734)

Examples

The following examples should give an idea of the relationship between beta-code and Unicode.

Beta-Code	Unicode
mh=nin a)/eide qea\ *phlhi+a/dew *)axilh=os	μήνιν ἄειδε θεὰ Πηληϊάδεω Ἀχιλῆος
ou)lome/nhn, h(\ muri/' *)axaioi=s a)/lge' e)/qhke,	ούλομένην, ἣ μυρί' Ἀχαιοῖς ἄλγε' ἔθηκε,
polla\s d' i)fqi/mous yuxa\s *)/ai+di proi+/ayen	πολλὰς δ' ἰφθίμους ψυχὰς Ἶδι προΐαψεν
h(rw/wn, au)tou\s de\ e(lw/ria teu=xu ku/nessin	ἠρώων, αὐτοὺς δὲ ἐλώρια τεύχε κύνεσσιν
oi)wnoi=si/ te pa=si, *dio\s d' e)telei/eto bough/,	οἰωνοῖσί τε πᾶσι, Διὸς δ' ἐτελείετο βουλή,
e)c ou(= dh\ ta\ prw=ta diasth/thn e)ri/sante	ἐξ οὗ δὴ τὰ πρῶτα διαστήτην ἐρίσαντε
*)atrei+/dhs te a)/nac a)ndrw=n kai\ di=os	Ἀτρείδης τε ἄναξ ἀνδρῶν καὶ δῖος
*)axilleu/s.	Ἀχιλλεύς.