

Junicode

the font for medievalists



Entering characters with tags for version 2



Entering characters with tags

Any character in Junicode that can be rendered using a Character Variant (cvNN) feature can also be rendered using a sequence consisting of a base character and two Unicode tags—that is, characters from the Unicode tag range. This range duplicates the ASCII character set (which consists, roughly, of things that can be typed on a U.S. English keyboard), but the characters it contains are normally invisible. They are used as modifiers for a preceding character (in other fonts, usually a flag symbol). Junicode contains a partial collection of tag characters:

a U+E0061	ⓑ U+E0062	€ U+E0063
₫ U+E0064	© U+E0065	[f] U+E0066
g U+E0067	<u></u> U+E0068	Ü U+E0069
[j _m] U+E006A		U+E006C
₩ U+E006D	₽ U+E006E	№ U+E006F
[₱] U+E0070	$[^{\mathbf{q}}_{\infty}]$ U+E0071	L U+E0072
S U+E0073	U+E0074	₩ U+E0075
V U+E0076	₩ U+E0077	Ϫ U+E0078
<u>y</u> U+E0079	Z U+E007A	U+E0030
1 U+E0031	2 U+E0032	3 U+E0033
4 U+E0034	5 U+E0035	U+E0036
7 U+E0037	8 U+E0038	2 U+E0039

When creating web pages or XML documents, you can enter these using character entities (e.g. &*xE0073; for); along the same lines, you can use the \char command (e.g. \char"0E0073) when composing TeX documents. But such entities and commands are not generally available in editors and word processors, and entering the tags themselves can be tricky because they are not only invisible, but also ignored

by the application (the cursor skips over them). Instead of attempting to enter the code points for tags directly, use character entities consisting of an ampersand, two underscores, the tag character, and a semicolon. These will yield visible tags. For example, typing &__6; will yield the tag ...

To use the tag method of entering characters, first type the base character from the table below, then the two tags. For example, to make a square C (Σ) , enter one of these sequences:

 Web page:
 C󠁳󠁱

 TeX:
 C\char"0E0073\char"0E0071

 Word processor:
 C&_s;&_q; (appears as C [] []]

Then apply the OpenType feature ss10 (Stylistic Set 10) to the passage or passages containing the tags or, if tags occur throughout, to the whole document. The tags will disappear and the preceding characters (the base characters) will be transformed.

For variants of the combining macron (U+0304) and perhaps other combining marks, it will often be necessary to place the COMBINING GRAPHEME JOINER (U+034F) between the macron and the base character that precedes it. This will prevent normalization (the shaping engine changing sequences of character + combining mark into precomposed characters), which interferes with the operation of tags.

Most of the two-tag sequences documented here are designed to be mnemonic. For example, the sequence in the example above stands for "square." However, two-tag sequences are not capable of describing characters in any detail, and in some cases, where the number of variants is large (especially for period, combining macron, and currency), the tags are not descriptive at all, but rather an index (the same numbers used in the corresponding cvNN features).

These tags are compatible with Junicode's other OpenType features, including the cvNN features, and can be mixed with them. They will not interfere with the placement of combining marks. Use a cvNN feature when a variant should appear throughout the text, in a particular passage (for example, a block quotation), or in a style. A tag sequence may be preferable for isolated forms or to override an OpenType feature.

In the list below, records for each character are color-coded as follows:

green	MUFI characters with PUA code points
yellow	Other characters with PUA code points
blue	Characters with Unicode code points
red	Characters without code points

Tags or cvNN features are usually to be preferred to PUA code points, which should be used only where accessibility and searchability are not issues (mainly in printed texts). Unicode code points can safely be entered directly. Junicode makes a few of them accessible via cvNN features and tags because it may often be desirable to associate these characters with their bases rather than the Unicode code points. For example, the insular T (\mathbb{C}) is sure to be searchable as T if entered with the sequence $T \mathbb{L} \mathbb{R}$, but if entered as U+A786 it may or may not be searchable as T, depending on the application.

Characters without code points can only be entered via tags or OpenType features.

Base	Sequence	Result	Description / Code point
period	• TAG TAG	•	Distinctio / F1F8
period	• TAG TAG		Comma positura / F1E2
period	• TAG TAG	,	High comma positura / F1E3
period	• TAG TAG	;	Punctus versus / F1EA
period	• TAG TAG	••	Punctus with comma positura / F1E4
period	• TAG TAG	:,	Colon with middle comma positura / $F1E5$
period	• TAG TAG	;;	Two dots over comma positura / F1F2
period	• TAG TAG	÷	Three dots over comma positura / F1E6
period	• TAG PAG	?	Punctus elevatus diagonal stroke / F1F0
period	. TAG TAG	:	Punctus elevatus with high back / F1FA
period	. TAG TAG	.7	Punctus elevatus with onset / F1FB
period	. TAG Z	?	Punctus flexus / F1F5
period	. TAG TAG	!	Punctus exclamativus / F1E7
period	. TAG TAG	٠٠	Punctus interrogativus / F160
period	. TAG TAG	~	Punctus interrogativus horizontal tilde / F1E8
period	. TAG TAG		Punctus interrogativus lemniskate / F1F1
period	. TAG TAG	~	Wavy line / F1F9

Base	Sequence	Result	Description / Code point
period	. TAG RAG	::	Signe de renvoi / F1EC
period	1 9 TAG	<i>f</i>	Virgula suspensiva / F1F4
period	· ZAG TAG	/	Short virgula / F1F7
U+0304	TAG TAG	ំ	Combining curly bar above / F1CC
U+0304	Ō TAG Z	्	Combining diagonal macron
U+0304	Ō TAG TAG	ė	Combining bar above with dot / F1C0
U+0304	Ō TAG 4 TAG	ੋ	Combining angular zigzag / F1C7
U+0304	Ō TAG TAG	ે	Combining curly zigzag / F1C8
U+0304	Ō TAG AG	$\tilde{}$	Combining vertical tilde / 033E
U+0304	Ō M 7	an O	Combining ligature an / F036
U+0304	Ō M 8 TAG	<u>ه</u>	Combining ligature aN / F03A
U+0304	TAG TAG	ំ	Combining ligature ar / F038
U+0304	TAG TAG	ී ී	Combining ligature aR / F130
U+0304	TAG TAG	°.	Combining B / F013
U+0304	Ō TAG TAG	ឺ	Combining D / F016
U+0304	Ō TAG TAG	ैं	Combining e with macron / F136
U+0304	Ō 1 4 TAG	ំ	Combining e with ogonek / F135
U+0304	Ō TAG TAG	Ô	Combining dotless i / F02F
U+0304	Ō TAG TAG	ं	Combining j / F030
U+0304	Ī 1 7	ុំ	Combining dotless j / F031
U+0304	Ī 1 8 TAG	Š	Combining K / F01C
U+0304	TAG TAG	៉ា	Combining uncial m / F01F
U+0304	Ō Z 0 TAG	ै	Combining o with macron / F13F
U+0304	Ō Z TAG TAG	े	Combining o with ogonek / F13E
U+0304	Ō Z Z Z TAG	័	Combining o with stroke / F032
U+0304	Ō Z TAG TAG	ំ	Combining q / F033
U+0304	Ō 2 4 TAG	ैं	Combining rum abbreviation / F040
U+0304	Ō Z 5	ੈ	Combining T / F02A
U+0304	Ō Z 6 TAG	y ٥	Combining y / F02B
U+0304	Ō Z 7	்	Combining thorn / F03D
U+0304	Ō 2 8 TAG	್	Combining ligature o r rotunda / F03E

base	Sequence	Result	Description / Code point
U+0304	Ō Z 9 TAG	্ব	Combining ligature letter o rum / F03F
U+0304	Ō TAG TAG	்	Combining diagonal dieresis
U+0304	Ō 3 1 TAG	ែ	Combining dot and acute
U+0304	Ō 3 2 TAG	ৃ	Combining ogonek and dot
U+0304	Ō TAG TAG	Ō	Combining narrow macron
U+0304	Ō 3 4 TAG	Õ	Combining macron with serifs
A	A in the	α	Insular A / F201
A	A S [q]	A	Square A / F13A
A	A S d	Ą	A with diagonal stroke / E8DA
A	A e n	a	Enlarged minuscule A
a	a in m	α	Insular a / F200
a	a n n	λ	Uncial a / F214
a	a proper	α	Open a / F202
a	a c TAG	a	Closed a / F203
a	an e	d	Neckless a / F215
a	a e n	a	Enlarged minuscule a / EEE0
В	Be n	b	Enlarged minuscule B
b	be n	b	Enlarged minuscule b / EEE1
С	$C_{\text{\tiny TAG}}^{\text{\tiny S}}$	Γ	Square C / F106
С	$C_{\text{TAG}}^{\mathbf{e}}$	С	Enlarged minuscule C
С	C TAG TAG	ca	c with curl / F198
С	C e n TAG	С	Enlarged minuscule c / EEE2
D	Dine TAG	б	Enlarged minuscule insular D
D		Q	Insular D / A779
D	$D_{\text{\tiny TAG}}^{\mathbf{e}}$	d	Enlarged minuscule D
d	di TAG	9	Insular d default form / A77A
d	di Z	б	Insular d second form
d	di e	б	Enlarged minuscule insular d / EEE4
d	dc u	dı	d with curl / F193
d	de n	d	Enlarged minuscule d / EEE3
E	E LAG C	Э	Uncial closed E / F217

Base	Sequence	Result	Description / Code point
E	Eu n	ϵ	Uncial E / F10A
E	E e n	e	Enlarged minuscule E
e	e u n	ϵ	Uncial e / F218
e	e b a	e	e with bar / F219
e	e h	e	High e with bar / F21A
e	e e n	e	Enlarged minuscule e / EEE6
F	Fin n	ŗ	Insular F / A77B
F	Fe n	f	Enlarged minuscule F / EEE7
F	Find E	ŗ	Enlarged minuscule insular F
f	fin n	ŗ	Insular f / A77C
f	find 1	ŗ	Insular f with dotted hooks / F21C
f	final 2	þ	Semi-closed insular f / EBD5
f	final 3	þ	Closed insular f / EBD6
f	fing e	ŗ	Enlarged minuscule insular f / EEFF
f	f n a	f f	Narrow f / F000B
f	f u	fi	f with curl / F194
f	f e n	f	Enlarged minuscule f / EEE7
G		δ	Insular G / A77D
G	Go r	Ŧ	Ormulum G with bar / A7D0
G	G S TAG	Б	Square G / F10E
G	Ge n	g	Enlarged minuscule G
g	g in n	ξ	Insular g / 1D79
g	go r	g	Ormulum g with bar / A7D1
g	g S C	g	Script g / 0261
g	gcu	gr	g with curl / F196
g	ge n	g	Enlarged minuscule g / EEE8
g	g C TAG TAG	3	Closed g with separate loops / F21D
g	g c Z	8	Closed g with large lower loop / F21E
g	g C TAG TAG	9	Closed g with small lower loop / $F21F$
Н	Hun	な	Uncial H / F110
Н	He n	h	Enlarged minuscule H

Base	Sequence	Result	Description / Code point
h	hd e	h	h with descender / F23A
h	ha u	h	h-shaped <i>autem</i> abbreviation / E8A3
h	he n	h	Enlarged minuscule h / EEE9
I	Ida TAG	I	I with dot above / 0130
I	I d e	I	I with descender / A7FE
I	I e n	i	Enlarged minuscule I
i	i d l	1	Dotless i / 0131
i	i TAG TAG	1	Long I / F220
i	i b d	į	i with double bar / E8A1
i	i f TAG TAG	ij	i final form (when i precedes)
i	i f Z		i final form
i	i e n	j	Enlarged minuscule i / EEEA
J	J d a	j	J with dot above / E15C
J	J e n	j	Enlarged minuscule J
j	j [d] [l]	J	Dotless j / 0237
j	j S d	j	j with double bar / E8A2
j	j d a	j	j with dot accent / F000D
j	j e n	j	Enlarged minuscule j / EEEB
K	Ke n	k	Enlarged minuscule K
k	ku n	k	Uncial k / F208
k	k c 1	k	Closed k, one / F221
k	kc 2	ß	Closed k, two / F209
k	kc u	k	k with curl / F195
k	ke n	k	Enlarged minuscule k / EEEC
L	Le n	1	Enlarged minuscule L
1	1 d e	1	Descending 1 / F222
1	le n	1	Enlarged minuscule 1 / EEED
1	1 S h	1	l with high stroke / A749
1	1 S F	ľ	l with high stroke ending with flourish / F000F
M	Mu d	(I)	Uncial M with descender / F224
M	Mu n	ന	Uncial M / F11A

Base	Sequence	Result	Description / Code point
M	Ma 1	W	Epigraphic M / A7FF
M	$M_{\text{\tiny TAG}}^{\text{\tiny e}}$	m	Enlarged minuscule M
m	m $\frac{d}{m}$	m)	Uncial m with descender / F23D
m	$m_{\text{\tiny TAG}}$	m	Uncial m / F23C
m	m d e	m	m with descender / F223
m	m e n	m	Enlarged minuscule m / EEEE
N	Nd e	Ŋ	N with descender / F229
N	Ne n	n	Enlarged minuscule n / EEEF
n	$n \left[\frac{d}{d} \right] \left[\frac{e}{d} \right]$	ŋ	n with descender / F228
n	n b a	Ħ	n with bar / E7B2
n	n c u	m	n with curl / F19A
n	ne n	n	Enlarged minuscule n / EEEF
n	n s d	N	Small cap n with descender / F22A
О	O e n	0	Enlarged minuscule O
О	O e n	0	Enlarged minuscule o / EEF0
P	Property	P	Reversed P / A7FC
P	Pe n	p	Enlarged minuscule P
p	$p_{\text{\tiny TAG}}^{e}$	p	Enlarged minuscule p / EEF1
Q	Q S m	P	Q with stem / F22C
Q	Q TAG TAG	Q	Q with long tail, one
Q	Q TAG TAG	Q	Q with long tail, two
Q	Q e n	q	Enlarged minuscule Q
q	q s d	Á	q with diagonal stroke / E8B4
q	q e n	q	Enlarged minuscule q / EEF2
R	Rina	Ŋ	Insular R / A783
R	R TAG TAG	3	R rotunda / A75A
R	Re n	r	Enlarged minuscule R
r	r i n	p	Insular r / A782
r	r r Q TAG	2	r rotunda / A75B
r	r c u	r	r with curl / F19B
r	r e n	r	Enlarged minuscule r / EEF3

Base	Sequence	Result	Description / Code point
X	X S TAG	X,	x with two diagonal strokes (lower right) / E8CE
Y	Y s d	¥	Y with diagonal stroke (Hymnus abbrev) / E8DB
Y	Y e n	у	Enlarged minuscule Y
у	y m	У	y with main right stroke / F233
у	y b a	y	y with bar / E77B
у	y e n	у	Enlarged minuscule y / EEFB
Z	ZVIAG	3	Visigothic Z / A762
Z	Zen	Z	Enlarged minuscule Z
Z	Z V I	3	Visigothic z / A763
Z	Z m g	ኽ	Middle High German z / F238
Z	Z e n	Z	Enlarged minuscule z / EEFC
U+0104	Ą S 1	A	A with short diagonal stroke / F0000
U+0104	Ą S 2	A	A with long diagonal stroke / F001E
U+0104	Ą[f] [l]	Ą	A with flourish / F0002
U+0105	a S TAG	ą	a with short diagonal stroke / F0001
U+0105	a S Z	a	a with long diagonal stroke / F001F
U+A733	a u n	æ	Uncial aa
U+A733	a C TAG	æ	Closed aa / EFA0
U+A733	a e n	æ	Enlarged minuscule aa / EFDF
U+00C6	Æ n e	Æ	Neckless Æ / EFAE
U+00C6	Æ ENG ING	æ	Enlarged minuscule Æ
U+00E6	æn e	æ	Neckless æ / EFA1
U+00E6	æ e n	æ	Enlarged minuscule æ / EAF1
U+00E6	æ pr	x	Open æ / F204
U+00E6	æ u n	æ	Uncial æ
U+A734	A) n e	D	Neckless AO / F205
U+A734	A) e 1	æ	Enlarged minuscule AO
U+A734	AO E Z	æ	Enlarged minuscule AO with smaller O
U+A735	æ	æ	Enlarged minuscule ao / EFDE
U+A735	20 E Z	æ	Enlarged minuscule ao with smaller o / EAF2
U+A735	an reconstruction	۵	Neckless ao / F206

Base	Sequence	Result	Description / Code point
U+A735	æ III.	æ	Uncial ao
U+A739	a n e	ď	Neckless av / EFA2
U+0111	đ <u>r</u>	ď	d with flourish / F0007
U+0118	Ę c e	Ę	E with centered ogonek
U+0118	Es t	È	E with diagonal stroke / F0009
U+0118	Ě c e	Ę	E with dot, acute, and centered ogonek
U+0118	Ě s t	Ě	E with dot, acute, and diagonal stroke
U+0119	ę c e	ę	e with centered ogonek
U+0119	e s t	¢	e with diagonal stroke / F000A
U+0119	ę́	ę́	e with dot, acute, and centered ogonek
U+0119	és t	ĕ	e with dot, acute, and diagonal stroke
&_eogo;	&_eogo;⊊ €	ំ	Combining e with centered ogonek
&_eogo;	&_eogo; ₹	ំ	Combining e with diagonal stroke
U+021C	3 [1]	3	Yogh with flat top
U+021C	3 [1,0]	δ	Yogh with insular shape
U+021D	3 [f] [1]	3	yogh with flat top
U+021D	3 1 1	δ	yogh with insular shape
U+A7C1	a 1 1	Ø	Old Polish o with broken slash / F0011
U+A7C1	a 2 TAG	Ø	Old Polish o with short slash / F0012
U+A7C1	a 3 TAG	Q	Old Polish o with lower left slash / F0013
U+A7C1	a 4 TAG	Ø	Old Polish o with upper right slash / F0014
U+A765	pa 1	þ	thorn with stroke with different slant / F149
U+A765/ENG	TAG TAG	Þ	thorn with stroke with different slant
U+0241	Pa 1	>	Alternate glottal stop / F001B
U+204A	TAG TAG	7	Tironian et sign later form / F001D
U+204A	TAG TAG	₹	Tironian et sign later form with bar
U+2E52	TAG TAG	7	Tironian Et sign later form / F001C
U+2E52	Ta 2	₹	Tironian Et sign later form with bar
U+00AF	- Ø 1	4	Spacing zigzag
U+035E	a	ि	Double macron with serifs
U+035E		ं	Shorter double macron with serifs

Base	Sequence	Result	Description / Code point
U+00B7	· h i tag	•	Distinctio / F1F8
comma	, a 1 TAG	,	Comma positura / F1E2
comma	, a 2	,	High comma positura / F1E3
semicolon	; a 1 TAG	;	Punctus versus / F1EA
semicolon	; a 2	••	Punctus with comma positura / F1E4
semicolon	; a 3	:,	Colon with middle comma positura / F1E5
semicolon	; a 4 TAG	;;	Two dots over comma positura / F1F2
semicolon	; a 5	÷	Three dots over comma positura / F1E6
U+2E4E	· A TAG TAG	:	Punctus elevatus diagonal stroke / F1F0
U+2E4E	· a 2 TAG	:	Punctus elevatus with high back / F1FA
U+2E4E	· A TAG TAG	.7	Punctus elevatus with onset / F1FB
U+2E4E	· TAG TAG	?	Punctus flexus / F1F5
exclam	! a 1	!	Punctus exlamativus / F1E7
question	? a TAG	٠٠	Punctus interrogativus / F160
question	? a 2	~	Punctus interrogativus horizontal tilde / F1E8
question	? a TAG	∞ •	Punctus interrogativus lemniskate / F1F1
asciitilde	~ a I	~	Wavy line / F1F9
asterisk	* a 1	::	Signe de renvoi / F1EC
slash	/a 1	1	Virgula suspensiva / F1F4
slash	/a 2 TAG	/	Short virgula / F1F7
U+A75D	2/ [1]	ş	Alternate rum abbreviation / F0016
U+035B	′a n	ੋ	Combining angular zigzag / F1C7
U+035B	TAG U	ે	Combining curly zigzag / F1C8
U+035B	շու e	ै	Combining vertical zigzag (tilde) / 033E
U+A770	9 a 1	9	Baseline spacing us abbreviation / F1A6
U+A770	9 a 2 TAG	9	Uppercase us abbreviation / F1A5
U+A76B	3 TAG TAG	;	Semicolon-like et abbreviation / F1AC
U+A76B	3 TAG TAG	3	Subscript et abbreviation
U+1DD3	" a 1	3 <u>ā</u>	Combining flattened a with macron / F1C1
U+1DD8	ò a 1	ំ	Alternate combining insular d / F0005
U+A75B	2 a 1	õ	Combining ur abbreviation lemniskate / F1C2

Base	Sequence	Result	Description / Code point
U+00A4	C 2 7	9	Script ounce sign / F2FD
U+2114	tta 1	tt	French libra sign / F2EB
U+00A3	£ a 1	18	Dutch libra sign / F2EA
U+00A3	£ a 2	tt	French libra sign / F2EB
U+00A3	£ a 3	£	Italian libra sign / F2EC
U+00A3	£ a 4	L	Flemish libra sign / F2ED
U+00A3	£a 5	Ŀ	Lira nuova sign / F2EE
U+00A3	£ a 6	£	Lira sterlina sign / F2EF
U+20B1	A) TAG TAG	ijr	Penning sign / F2F5
U+0192	fa 1	f³	Floren sign with loop / F2E8
U+2125	3 1 1	9	Script ounce sign / F2FD

¹Junicode entities (like &_a;) following U+A7C1 (Old Polish o) are not properly displayed or resolved for technical reasons related to U+A7C1 having very recently been added to Unicode. However, tags entered directly (as here) or via HTML/XML entity references and TeX commands will still work, and the Junicode entity will work once applications are updated with the latest additions to the Unicode standard.