

Special Characters in Aletheia

Last Change: 28 May 2014

The following table comprises all special characters which are currently available through the virtual keyboard integrated in Aletheia. The virtual keyboard aids re-keying of historical documents containing characters that are mostly unsupported in other text editing tools (see Figure 1).

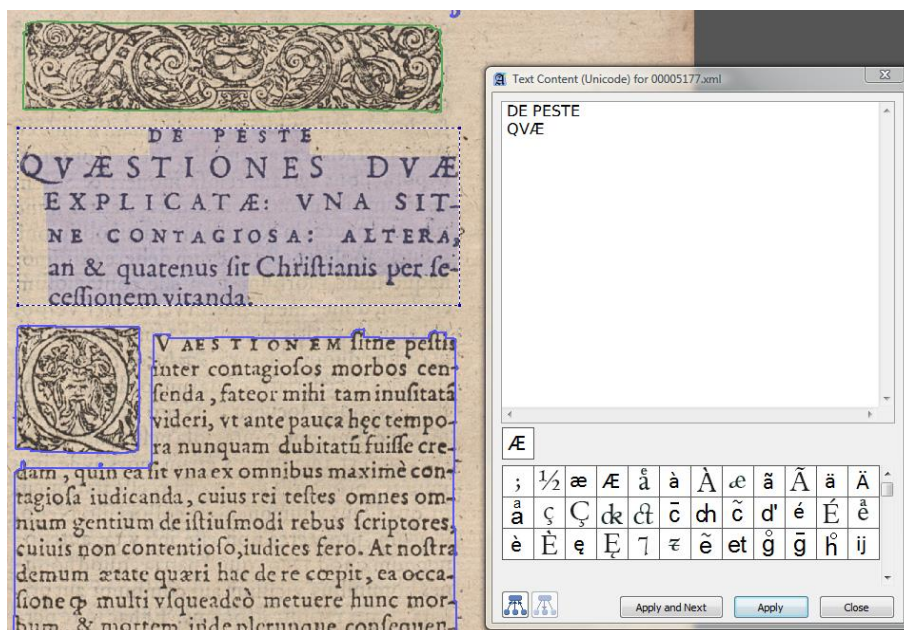


Figure 1: Text input dialogue with virtual keyboard in Aletheia 1.2

Due to technical reasons, like font definition, Aletheia uses only precomposed characters. If required for other applications the mapping between a precomposed character and the corresponding decomposed character sequence is given in the table as well. When writing to files Aletheia encodes all characters in UTF-8 (variable-length multi-byte representation).

Key:

Glyph – the icon displayed in the virtual keyboard.

Unicode – the actual Unicode character; can be copied and pasted into other applications. Please note that special characters might not be displayed properly if there is no corresponding font installed for the target application.

Hex – the hexadecimal code point for the Unicode character

Decimal – the decimal code point for the Unicode character

Description – a short description of the special character

Origin – where this character has been defined

Base – the base character of the special character (if applicable), used for sorting

Combining Character – combining character(s) to modify the base character (if applicable)

Glyph	Pre-composed Character (used in Aletheia)			Description	Origin	Decomposed Character (only for reference)	
	Unicode	Hex	Decimal			Base	Combining Character
;	;	F1AC	61868	Latin abbreviation sign semicolon	MUFI		
¬	¬	00AC	172	Not sign	Unicode		
½	½	00BD	189	Vulgar fraction one half	Unicode		
æ	æ	00E6	230	Latin small letter ae	Unicode	a	
ā	ā	0101	257	Latin small letter a with macron	Unicode	a	0304
ǎ	ǎ	2C65	11365	Latin small letter a with stroke	Unicode	a	
Ȧ	Ȧ	023A	570	Latin capital letter A with stroke	Unicode	a	
Æ	Æ	00C6	198	Latin capital letter AE	Unicode	a	
ā̆	ā̆	E42C	58412	Latin small letter a with latin small letter e above	MUFI	a	0364
à	à	00E0	224	Latin small letter a with grave	Unicode	a	0300
À	À	00C0	192	Latin capital letter A with grave	Unicode	a	0300
æ̆	æ̆	EFA1	61345	Latin small ligature neckless a e	MUFI	a	
ã	ã	00E3	227	Latin small letter a with tilde	Unicode	a	0303
Ã	Ã	00C3	195	Latin capital letter A with tilde	Unicode	a	0303
ä	ä	00E4	228	Latin small letter a with diaeresis	Unicode	a	0308
Ä	Ä	00C4	196	Latin capital letter A with diaeresis	Unicode	a	0308
ā̇	ā̇	F500	62720	Latin small letter a with Latin small letter a above	Private ¹	a	0363
as	æ	F532	62770	Latin small ligature as	Private ²	a	
ḃ	ḃ	F524	62756	Latin small letter b with hook above	Private ¹	b	0309
Ḅ	Ḅ	0253	595	Latin small letter b with hook	Unicode	b	
ç	ç	00E7	231	Latin small letter c with cedilla	Unicode	c	0327
Ç	Ç	00C7	199	Latin capital letter C with cedilla	Unicode	c	0327
ć	ć	0107	263	Latin small letter c with acute	Unicode	c	0301
ck	ck	EEC4	61124	Latin small ligature ck	MUFI	c	

























Glyph	Pre-composed Character (used in Aletheia)			Description	Origin	Decomposed Character (only for reference)	
	Unicode	Hex	Decimal			Base	Combining Character
Ꝣ	ct	EEC5	61125	Latin small ligature ct	MUFI	c	
ċ	ċ	F501	62721	Latin small letter c with macron above	Private ¹	c	0304
ch	ch	F502	62722	Latin small letter c ligated with latin small letter h	Private ¹	c	
č	č	F517	62743	Latin small letter c with tilde	Private ¹	c	0303
ꝥ	ꝥ	F520	62752	Latin small abbreviation sign con with diaeresis	Private ¹	c	0308
ċ	ċ	F522	62754	Latin small letter c with diaeresis	Private ¹	c	0308
Ca	Ca	F531	62769	Latin ligature capital C small a	Private ²	C	
d'	d'	F50A	62730	Latin small letter d with apostrophe	Private ¹	d	02BC
ð	ð	F51B	62747	Abbreviation sign der	Private ¹	d	
é	é	00E9	233	Latin small letter e with acute	Unicode	e	0301
É	É	00C9	201	Latin capital letter E with acute	Unicode	e	0301
ë	ë	00EB	235	Latin small letter e with diaeresis	Unicode	e	0308
Ë	Ë	00CB	203	Latin capital letter E with diaeresis	Unicode	e	0308
ē	ē	0113	275	Latin small letter e with macron	Unicode	e	0304
ē̇	ē̇	E4E1	58593	Latin small letter e with latin small letter a above	MUFI	e	0363
e	e	F219	61977	Latin small letter e extended bar form	MUFI	e	
è	è	00E8	232	Latin small letter e with grave	Unicode	e	0300
È	È	00C8	200	Latin capital letter E with grave	Unicode	e	0300
ę	ę	0119	281	Latin small letter e with ogonek	Unicode	e	0328
Ę	Ę	0118	280	Latin capital letter E with ogonek	Unicode	e	0328
ø	ø	0247	583	Latin small letter e with stroke	Unicode	e	
Ʒ	Ʒ	0246	582	Latin capital letter E with stroke	Unicode	e	
7	7	204A	8266	Latin abbreviation sign small et	Unicode	e	

Glyph	Pre-composed Character (used in Aletheia)			Description	Origin	Decomposed Character (only for reference)	
	Unicode	Hex	Decimal			Base	Combining Character
Ʒ	Ʒ	F158	61784	Latin abbreviation sign small et with stroke	MUFI	e	
ẽ	ẽ	1EBD	7869	Latin small letter e with tilde	Unicode	e	0303
et	et	F515	62741	Latin small letter e ligated with latin small letter t	Private ¹	e	
ff	ff	FB00	64256	Latin small ligature ff	Unicode	f	
fi	fi	FB01	64257	Latin small ligature fi	Unicode	f	
ffi	ffi	FB03	64259	Latin small ligature ffi	Unicode	f	
fl	fl	FB02	64258	Latin small ligature FL	Unicode	f	
Ɔ	Ɔ	A7A0	42912	Latin capital letter G with oblique stroke	Unicode	G	
Ʒ	Ʒ	A7A1	42913	Latin small letter g with oblique stroke	Unicode	g	
ḡ	ḡ	F504	62724	Latin small letter g with ring above	Private ¹	g	030A
ḡ	ḡ	F505	62725	Latin small letter g with macron above	Private ¹	g	0304
ḥ	ḥ	F506	62726	Latin small letter h with ring above	Private ¹	h	030A
ħ	ħ	F521	62753	Latin small letter h with right descender and curl	Private ¹	h	
ħ	ħ	F525	62757	Latin small letter h with hook above	Private ¹	h	0309
ij	ij	0133	307	Latin small ligature ij	Unicode	i	
ī	ī	012B	299	Latin small letter i with macron	Unicode	i	0304
í	í	00ED	237	Latin small letter i with acute	Unicode	i	301
Í	Í	00CD	205	Latin capital letter i with acute	Unicode	i	301
ï	ï	00EF	239	Latin small letter i with diaeresis	Unicode	i	308
ĩ	ĩ	0129	297	Latin small letter i with tilde	Unicode	i	303
ƶ	ƶ	A76D	42861	Latin small letter is	Unicode	i	
ı	ı	F220	61984	Latin small letter long i	MUFI	i	
is	is	F533	62771	Latin small ligature is	Private ²	i	
ï	ï	EBE3	60387	Latin small letter j with diaeresis	MUFI	j	0308

Glyph	Pre-composed Character (used in Aletheia)			Description	Origin	Decomposed Character (only for reference)	
	Unicode	Hex	Decimal			Base	Combining Character
Ɔ	K	A742	42818	Latin capital letter K with diagonal stroke	Unicode	K	
ƙ	k	A743	42819	Latin small letter k with diagonal stroke	Unicode	k	
Ɔ	Ɔ	A7A2	42914	Latin capital letter K with oblique stroke	Unicode	Ɔ	
ƙ	ƙ	A7A3	42915	Latin small letter K with oblique stroke	Unicode	ƙ	
Ł	ł	0141	321	Latin capital letter L with stroke	Unicode	l	
ł	ł	0142	322	Latin small letter L with stroke	Unicode	l	
ll	ll	F4F9	62713	Latin small ligature ll	MUFI	l	
l'	l'	F50B	62731	Latin small letter l with apostrophe	Private ¹	l	
ṁ	ṁ	E5B8	58808	Latin small letter m with medium-high macron (above character)	MUFI	m	F00B
ṃ	ṃ	F519	62745	Latin small letter m with tilde	Private ¹	m	0303
Ñ	Ñ	00D1	209	Latin capital letter N with tilde	Unicode	N	0303
ñ	ñ	00F1	241	Latin small letter n with tilde	Unicode	n	0303
Ɔ	Ɔ	A7A4	42916	Latin capital letter N with oblique stroke	Unicode	Ɔ	
ƙ	ƙ	A7A5	42917	Latin small letter n with oblique stroke	Unicode	n	
Ñ̄	Ñ̄	E1DC	57820	Latin capital letter N with high macron above	MUFI	N	0304
ñ̄	ñ̄	E5DC	58844	Latin small letter n with medium high macron above	MUFI	n	0304
œ	œ	0153	339	Latin small letter oe	Unicode	o	
ō	ō	E644	58948	Latin small letter o with latin small letter e above	MUFI	o	0364
ò	ò	00F2	242	Latin small letter o with grave	Unicode	o	0300
Ò	Ò	00D2	210	Latin capital letter O with grave	Unicode	o	0300
ø	ø	00F8	248	Latin small letter o with stroke	Unicode	o	
Ø	Ø	00D8	216	Latin capital letter O with stroke	Unicode	o	


Glyph	Pre-composed Character (used in Aletheia)			Description	Origin	Decomposed Character (only for reference)	
	Unicode	Hex	Decimal			Base	Combining Character
õ	õ	00F5	245	Latin small letter o with tilde	Unicode	o	0303
Õ	Õ	00D5	213	Latin capital letter O with tilde	Unicode	o	0303
ö	ö	00F6	246	Latin small letter o with diaeresis	Unicode	o	0308
Ö	Ö	00D6	214	Latin capital letter O with diaeresis	Unicode	o	0308
ō	ō	014D	333	Latin small letter o with macron	Unicode	o	0304
Ɔ	Ɔ	A751	42833	Latin small letter p with stroke through descender	Unicode	p	
Ɔ	Ɔ	A750	42832	Latin capital letter P with stroke through descender	Unicode	p	
Ɔ	Ɔ	A753	42835	Latin small letter p with flourish	Unicode	p	
Ɔ	Ɔ	A752	42834	Latin capital letter P with flourish	Unicode	p	
pp	pp	EED6	61142	Latin small ligature pp	MUFI	p	
pp	pp	EED7	61143	Latin small ligature pp flourish	MUFI	p	
ṑ	ṑ	F507	62727	Latin small letter p with macron above	MUFI	p	0304
ṑ	ṑ	F51F	62751	Latin small letter p with diaeresis	Private ¹	p	0308
ṑ	ṑ	F526	62758	Latin small letter p with hook above	Private ¹	p	0309
ṑ	ṑ	F529	62761	Latin small letter p with central slanting stroke	Private ¹	p	
q̄	q̄	E8BF	59583	Latin small letter q ligated with final et	MUFI	q	
Ɔ	Ɔ	A757	42839	Latin small letter q with stroke through descender	Unicode	q	
Q	Q	A756	42838	Latin capital letter Q with stroke through descender	Unicode	q	
q̄	q̄	E68B	59019	Latin small letter q with stroke through descender and tilde	MUFI	q	0303
q̇	q̇	E682	59010	Latin small letter q with dot above	MUFI	q	0307
Q̇	Q̇	E282	57986	Latin capital letter Q with dot above	MUFI	q	0307
q̄	q̄	E681	59009	Latin small letter q with macron	MUFI	q	0304

Glyph	Pre-composed Character (used in Aletheia)			Description	Origin	Decomposed Character (only for reference)	
	Unicode	Hex	Decimal			Base	Combining Character
ϙ	ϙ	A759	42841	Latin small letter q with diagonal stroke	Unicode	q	
Ϟ	Ϟ	F51A	62746	Latin small letter q with diagonal stroke and diaeresis	Private ¹	q	
ϟ	ϟ	F523	62755	Latin small letter q with diaeresis	Private ¹	q	0308
Qu	Qu	F535	62773	Latin ligature capital Q small u	Private ²	Q	
ḡ	ḡ	F508	62728	Latin small letter q with ring above	Private ¹	q	030A
ϙ̄	ϙ̄	F509	62729	Latin small letter q ligated with final et with overline	Private ¹	q	0305
q̇;	q̇;	F50C	62732	Latin small letter q with acute accent above and semicolon on the right	Private ¹	q	0301
q̇̄	q̇̄	F50D	62733	Latin small letter q ligated with final et and acute accent	Private ¹	q	0301
ϙ̈	ϙ̈	F52F	62767	Latin small letter q ligated with final et with diaeresis	Private ¹	q	0308
q̇	q̇	F50E	62734	Latin small letter q with acute accent	Private ¹	q	0301
q̃	q̃	F50F	62735	Latin small letter q with tilde	Private ¹	q	0303
ŕ	ŕ	211F	8479	Response	Unicode	r	
ꝛ	ꝛ	A75B	42843	Latin small letter r rotunda	Unicode	r	
ꝛ	ꝛ	A75D	42845	Latin small letter rum rotunda	Unicode	r	
Ꝛ	Ꝛ	A75C	42844	Latin capital letter RUM ROTUNDA	Unicode	r	
Ŕ	Ŕ	A7A6	42918	Latin capital letter R with oblique stroke	Unicode	R	
ŕ	ŕ	A7A7	42919	Latin small letter r with oblique stroke	Unicode	r	
ṙ	ṙ	F510	62736	Latin small letter r with macron above	Private ¹	r	0304
ṙ	ṙ	F518	62744	Latin small letter r with tilde	Private ¹	r	0303
ra	ra	F536	62774	Latin small ligature ra	Private ²	r	
ſ	ſ	017F	383	Latin small letter long s	Unicode	s	
ſ	ſ	1E9C	7836	Latin small letter long s with diagonal stroke	Unicode	s	

Glyph	Pre-composed Character (used in Aletheia)			Description	Origin	Decomposed Character (only for reference)	
	Unicode	Hex	Decimal			Base	Combining Character
	ft	FB05	64261	Latin small ligature long s t	Unicode	s	
	ft	EADA	60122	Latin small ligature long s descending t	MUFI	s	
	fi	EBA2	60322	Latin small ligature long s i	MUFI	s	
	fk	F4FC	62716	Latin small ligature long s k	MUFI	s	
	fl	EBA3	60323	Latin small ligature long s l	MUFI	s	
	ff	EBA6	60326	Latin small ligature long s long s	MUFI	s	
	ffi	EBA7	60327	Latin small ligature long s long s i	MUFI	s	
	fft	F4FF	62719	Latin small ligature long s long s t	MUFI	s	
	fl	F51E	62750	Latin small ligature long s l with stroke	Private ¹	s	
	fv	EBAC	60332	Latin small ligature long s insular v	MUFI	s	
	ß	00DF	223	Latin small letter sharp s	Unicode	s	
	ß	1E9E	7838	Latin capital letter sharp S	Unicode	s	
	š	F530	62768	Latin small letter s with diaeresis	Private ¹	s	0308
	š	F511	62737	Latin small letter s with macron above	Private ¹	s	0304
	Œ	F528	62760	Latin capital letter s with central slanted stroke	Private ¹	S	
	st	FB06	64262	Latin small ligature st	Unicode	s	
	sp	F52C	62764	Latin small ligature sp	Private ¹	s	
	ť	E6E2	59106	Latin small letter t with acute	MUFI	t	0301
	tz	EEDC	61148	Latin small ligature tz	MUFI	t	
	ť	F512	62738	Latin small letter t with tilde	Private ¹	t	0303
	ta	F537	62775	Latin small ligature ta	Private ²	t	
	ù	00F9	249	Latin small letter u with grave	Unicode	u	0300
	Ù	00D9	217	Latin capital letter U with grave	Unicode	u	0300
	ũ	0169	361	Latin small letter u with tilde	Unicode	u	0303

Glyph	Pre-composed Character (used in Aletheia)			Description	Origin	Decomposed Character (only for reference)	
	Unicode	Hex	Decimal			Base	Combining Character
ū	ū	016B	363	Latin small letter u with macron	Unicode	u	0304
ů	ů	016D	365	Latin small letter u with breve	Unicode	u	0306
û	û	016F	367	Latin small letter u with ring above	Unicode	u	030A
Û	Û	016E	366	Latin capital letter U with ring above	Unicode	u	030A
ü	ü	E72B	59179	Latin small letter u with e above	MUFI	u	0364
9	9	F1A6	61862	Latin abbreviation sign spacing base-line us	MUFI	u	
9	9	F1A5	61861	Latin abbreviation sign spacing base-line capital US	MUFI	u	
9	9	A770	42864	Modifier letter us	Unicode	u	
<i>us</i>	us	F534	62772	Latin small ligature us	Private ²	u	
ü	ü	00FC	252	Latin small letter u with diaeresis	Unicode	u	0308
Ü	Ü	00DC	220	Latin capital letter U with diaeresis	Unicode	u	0308
v̆	v̆	E8BA	59578	Latin small letter v with short slash	MUFI	v	
ǔ	ǔ	F513	62739	Latin small letter v with breve	Private ¹	v	0306
ǖ	ǖ	E73A	59194	Latin small letter v with acute	MUFI	v	0301
ǘ	ǘ	F527	62759	Latin small letter v with hook above	Private ¹	v	0309
ǚ	ǚ	F514	62740	Latin small letter w with breve	Private ¹	w	0306
ÿ	ÿ	1E8D	7821	Latin small letter x with diaeresis	Unicode	x	308
ȳ	ȳ	E781	59265	Latin small letter y with latin small letter e above	MUFI	y	
ÿ	ÿ	1EF9	7929	Small letter y with tilde above	Unicode	y	0303
ȳ	ȳ	F52A	62762	Latin small letter y with latin small letter rum above	Private ¹	y	
ȳ	ȳ	F52B	62763	Latin small letter y with latin small letter t above	Private ¹	y	
ẏ	ẏ	017C	380	Latin small letter z with dot above	Unicode	z	02D9
Ž	Ž	017D	381	Latin capital letter Z with caron	Unicode	z	030C

Glyph	Pre-composed Character (used in Aletheia)			Description	Origin	Decomposed Character (only for reference)	
	Unicode	Hex	Decimal			Base	Combining Character
ž	ž	017E	382	Latin small letter z with caron	Unicode	z	030C
Ẑ	Ẑ	F516	62742	Latin small letter z with tilde	Private ¹	z	0303
Ž̇	Ž̇	F51D	62749	Latin small letter z with hook above	Private ¹	z	0309
Ϝ	Ϝ	1F51	8017	Greek small letter upsilon with dasia	Unicode		0314
Ѳ	Ѳ	A64B	42571	Cyrillic small monograph UK	Unicode		
Ѳ	Ѳ	A64A	42570	Cyrillic capital monograph UK	Unicode		
oy	oy	0479	1145	Cyrillic small letter UK	Unicode		
ω	ω	0461	1121	Cyrillic small letter omega	Unicode		
⊖	⊖	047B	1147	Cyrillic small letter round omega	Unicode		
Ɪ	Ɪ	2184	8580	Latin abbreviation sign small con	Unicode		
-	-	2010	8208	Hyphen	Unicode		
≡	≡	2E17	11799	Double oblique hyphen	Unicode		
-	-	2011	8209	Non-breaking hyphen	Unicode		
§	§	00A7	167	Section sign	Unicode		
∴	∴	2234	8756	Therefore	Unicode		
✱	✱	2042	8258	Asterism	Unicode		
✱	✱	F538	62776	Upside down asterism	Private ³		
˙	˙	F161	61793	Punctus elevatus	MUFI		
‡	‡	F52E	62766	Inverted cross	Private ¹		
⚠	⚠	F51C	62748	Pending character	Private ¹		
⚡	⚡	FFFD	65533	Replacement character	Unicode		
☞	☞	261E	9758	White right pointing index	Unicode		
☜	☜	261C	9756	White left pointing index	Unicode		
🜞	🜞	2767	10087	Rotated floral heart bullet	Unicode		

Glyph	Pre-composed Character (used in Aletheia)			Description	Origin	Decomposed Character (only for reference)	
	Unicode	Hex	Decimal			Base	Combining Character
	℥	F52D	62765	Old English libra	Private ¹		

- 1) As proposed by the IMPACT project (see <http://www.impact-project.eu/>)
- 2) As proposed by the eMOP project (see <http://emop.tamu.edu/>)
- 3) As proposed by the Europeana Newspapers project (see <http://www.europeana-newspapers.eu/>)

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