

**helium.sty**

**v1.1**

**L<sup>A</sup>T<sub>E</sub>X support files for Softmaker Helium  
available at  
<http://www.freefont.de>**

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This package offers L<sup>A</sup>T<sub>E</sub>X support files for the Softmaker Helium fonts available at [www.freefont.de](http://www.freefont.de) in June 2010.

These support files were created with the `installfont` bash script, which is available in CTAN.

## Attention

This package does **not** include the fonts (license restriction). They are or were available for free download at [www.freefont.de](http://www.freefont.de), as well as part of some font collections of [Softmaker](#).

## 1 Helium (June 2010)

### 1.1 Package options

The font style file offers the following options:

#### 1.1.1 scaled

You can use the option `scaled` for scaling the font to better match with other fonts, e.g. `\usepackage[scaled=1.03,leading=1.05]{iceberg}`.

#### 1.1.2 leading

For some fonts it might be necessary to increase the leading between lines for a better optical impression, where 1.0 means 100%.

### 1.2 The Font

First of all, you have to get the font. Download it for free at [www.freefont.de](http://www.freefont.de) or get it from [Softmaker](#). Copy the Postscript Type1 fonts `HeliumSerial-Regular.pfb` and `HeliumSerial-Xbold.pfb` to your local  $\TeX$  tree:

```
TEXMF:/fonts/type1/softmakerfreefont/Helium/
```

Family	Series	Shape(s)	Example of Typeface	Supported Encodings
6hl	m	n	Helium	OT1, T1, TS1
6hl	m	sl	<i>Helium</i>	OT1, T1, TS1
6hl	m	sc	HELIUM	OT1, T1, TS1
6hl	b	n	<b>Helium</b>	OT1, T1, TS1
6hl	b	sl	<b><i>Helium</i></b>	OT1, T1, TS1
6hl	b	sc	<b>HELIUM</b>	OT1, T1, TS1

### 1.3 Installation

The following steps will show you the installation in the case of MiKTeX. For another  $\TeX$  distribution please take a look in its documentation.

- get [helium.tds.zip](#)
- extract it in the main directory of your local  $\TeX$  tree
- update the FileNameDataBase (FNDB) in MiKTeX Settings or with `initexmf -u1` on the command line

<sup>1</sup>for system-wide installations you have to add the `--admin` switch

- include the map file
  - run `initexmf --edit-config-file updmap`
  - add `Map helium.map` in the opening editor
  - save the file and close the editor
  - run `initexmf --mkmaps`

#### 1.4 Usage

If you want to typeset your complete document with the font Helium simply add `\usepackage{helium}` to your preamble. If not, simply add another font package after `\usepackage{helium}`. You can switch to the font Helium with the command `\FFHelium`, which is a shortcut for:

```
\fontfamily{6hl}\fontseries{m}\fontshape{n}\selectfont
```

## 1.5 Font Tables

## 1.5.1 Font Table OT1

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	■ 0	■ 1	■ 2	■ 3	■ 4	■ 5	■ 6	■ 7	"0x
'01x	■ 8	■ 9	Ω 10	ff 11	fl 12	fl 13	ffi 14	fff 15	
'02x	l 16	j 17	` 18	´ 19	˘ 20	˘ 21	˘ 22	˘ 23	"1x
'03x	, 24	ß 25	æ 26	œ 27	ø 28	Æ 29	Œ 30	Ø 31	
'04x	■ 32	! 33	" 34	# 35	\$ 36	% 37	& 38	' 39	"2x
'05x	( 40	) 41	* 42	+ 43	, 44	- 45	. 46	/ 47	
'06x	0 48	1 49	2 50	3 51	4 52	5 53	6 54	7 55	"3x
'07x	8 56	9 57	: 58	; 59	i 60	= 61	ı 62	? 63	
'10x	@ 64	A 65	B 66	C 67	D 68	E 69	F 70	G 71	"4x
'11x	H 72	I 73	J 74	K 75	L 76	M 77	N 78	O 79	
'12x	P 80	Q 81	R 82	S 83	T 84	U 85	V 86	W 87	"5x
'13x	X 88	Y 89	Z 90	ı 91	" 92	ı 93	^ 94	˙ 95	
'14x	´ 96	a 97	b 98	c 99	d 100	e 101	f 102	g 103	"6x
'15x	h 104	i 105	j 106	k 107	l 108	m 109	n 110	o 111	
'16x	p 112	q 113	r 114	s 115	t 116	u 117	v 118	w 119	"7x
'17x	X 120	y 121	Z 122	- 123	— 124	´ 125	˘ 126	˘ 127	
'20x	128	129	130	131	132	133	134	135	"8x
'21x	136	137	■L 138	139	140	141	142	143	
'24x	160	161	162	163	164	165	166	167	"Ax
'25x	168	169	■ 170	171	172	173	174	175	
	"8	"9	"A	"B	"C	"D	"E	"F	

## 1.5.2 Font Table T1

	'0	'1	'2	'3	'4	'5	'6	'7	
'00x	̀ 0	´ 1	ˆ 2	˜ 3	¨ 4	´ 5	˘ 6	ˇ 7	"0x
'01x	˘ 8	˘ 9	˙ 10	˙ 11	˙ 12	˙ 13	˘ 14	˘ 15	
'02x	“ 16	” 17	„ 18	« 19	» 20	– 21	— 22	23	"1x
'03x	■ 24	l 25	l 26	ff 27	fl 28	fl 29	ffi 30	ffl 31	
'04x	␣ 32	! 33	" 34	# 35	\$ 36	% 37	& 38	' 39	"2x
'05x	( 40	) 41	* 42	+ 43	, 44	- 45	. 46	/ 47	
'06x	0 48	1 49	2 50	3 51	4 52	5 53	6 54	7 55	"3x
'07x	8 56	9 57	: 58	; 59	< 60	= 61	> 62	? 63	
'10x	@ 64	A 65	B 66	C 67	D 68	E 69	F 70	G 71	"4x
'11x	H 72	I 73	J 74	K 75	L 76	M 77	N 78	O 79	
'12x	P 80	Q 81	R 82	S 83	T 84	U 85	V 86	W 87	"5x
'13x	X 88	Y 89	Z 90	[ 91	\ 92	] 93	^ 94	_ 95	
'14x	` 96	a 97	b 98	c 99	d 100	e 101	f 102	g 103	"6x
'15x	h 104	i 105	j 106	k 107	l 108	m 109	n 110	o 111	
'16x	p 112	q 113	r 114	s 115	t 116	u 117	v 118	w 119	"7x
'17x	x 120	y 121	z 122	{ 123	124	} 125	~ 126	- 127	
'20x	Ǻ 128	À 129	Ć 130	Č 131	Ď 132	Ě 133	É 134	Ĝ 135	"8x
'21x	Ł 136	Ľ 137	■ 138	Ń 139	Ň 140	■ 141	Ó 142	Ř 143	
'22x	Ř 144	Ś 145	Š 146	Ş 147	Ť 148	Ţ 149	Ú 150	Û 151	"9x
'23x	Ÿ 152	Ž 153	Ž 154	Ž 155	Ǳ 156	ı 157	đ 158	Ş 159	
'24x	ǻ 160	a 161	ć 162	č 163	ď 164	ě 165	e 166	ğ 167	"Ax
'25x	í 168	l 169	■ 170	ń 171	ň 172	■ 173	ó 174	ř 175	
'26x	ř 176	ś 177	š 178	ş 179	ť 180	ţ 181	ú 182	û 183	"Bx
'27x	ÿ 184	ž 185	ž 186	ž 187	ǰ 188	ı 189	đ 190	ş 191	
'30x	À 192	Á 193	Â 194	Ã 195	Ä 196	Å 197	Æ 198	Ç 199	"Cx
'31x	È 200	É 201	Ê 202	Ë 203	Ì 204	Í 205	Î 206	Ï 207	
'32x	■ 208	Ñ 209	Ò 210	Ó 211	Ô 212	Õ 213	Ö 214	Œ 215	"Dx
'33x	Ø 216	Ù 217	Ú 218	Û 219	Ü 220	Ý 221	■ 222	ŠŠ 223	
'34x	à 224	á 225	â 226	ã 227	ä 228	å 229	æ 230	ç 231	"Ex
'35x	è 232	é 233	ê 234	ë 235	ì 236	í 237	î 238	ï 239	
'36x	■ 240	ñ 241	ò 242	ó 243	ô 244	õ 245	ö 246	œ 247	"Fx
'37x	ø 248	ù 249	ú 250	û 251	ü 252	ý 253	■ 254	ß 255	
	"8	"9	"A	"B	"C	"D	"E	"F	

## 1.5.3 Font Table TS1

	´0	´1	´2	´3	´4	´5	´6	´7	
´00x	˘ 0	˘ 1	˘ 2	˘ 3	˘ 4	˘ 5	˘ 6	˘ 7	”0x
´01x	˘ 8	˘ 9	˘ 10	˘ 11	˘ 12	˘ 13	˘ 14	˘ 15	
´02x	16	17	„ 18	19	20	— 21	— 22	23	”1x
´03x	■ 24	■ 25	˘ 26	˘ 27	˘ 28	˘ 29	30	31	
´04x	■ 32	33	34	35	\$ 36	37	38	’ 39	”2x
´05x	40	41	* 42	43	, 44	■ 45	. 46	■ 47	
´06x	■ 48	■ 49	■ 50	■ 51	■ 52	■ 53	■ 54	■ 55	”3x
´07x	■ 56	■ 57	58	59	■ 60	■ 61	■ 62	63	
´10x	64	65	66	67	68	69	70	71	”4x
´11x	72	73	74	75	76	■ 77	78	■ 79	
´12x	80	81	82	83	84	85	86	Ω 87	”5x
´13x	88	89	90	[ 91	92	] 93	■ 94	■ 95	
´14x	˘ 96	97	■ 98	■ 99	■ 100	101	102	103	”6x
´15x	104	105	106	107	■ 108	■ 109	■ 110	111	
´16x	112	113	114	115	116	117	118	119	”7x
´17x	120	121	122	123	124	125	˘ 126	■ 127	
´20x	˘ 128	˘ 129	˘ 130	˘ 131	† 132	€ 133	134	‰ 135	”8x
´21x	˘ 136	■ 137	■ 138	■ 139	f 140	■ 141	■ 142	■ 143	
´22x	■ 144	■ 145	■ 146	■ 147	? 148	ı 149	■ 150	™ 151	”9x
´23x	■ 152	■ 153	■ 154	■ 155	■ 156	■ 157	■ 158	■ 159	
´24x	■ 160	■ 161	¢ 162	£ 163	€ 164	¥ 165	■ 166	§ 167	”Ax
´25x	˘ 168	© 169	ª 170	■ 171	¬ 172	■ 173	® 174	˘ 175	
´26x	■ 176	± 177	■ 178	■ 179	˘ 180	■ 181	¶ 182	˘ 183	”Bx
´27x	■ 184	■ 185	º 186	√ 187	■ 188	■ 189	■ 190	€ 191	
´32x	208	209	210	211	212	213	× 214	215	”Dx
´33x	216	217	218	219	220	221	222	223	
´36x	240	241	242	243	244	245	÷ 246	247	”Fx
´37x	248	249	250	251	252	253	254	255	
	”8	”9	”A	”B	”C	”D	”E	”F	