

# Tengwar Formal fonts keymapping

This is a help file for Tengwar Formal fonts, version 1.2c.  
 For the latest version, look at: <http://tengwarformal.limes.com.pl>

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 and is also available with a FAQ at: <http://scripts.sil.org/OFL>

## Basic keyboard layout

Tengwar Formal font uses the character mapping compatible with Daniel Smith's Tengwar Quenya, Tengwar Sindarin and Tengwar Noldor fonts. This keyboard layout is accepted as a standard and used in almost all popular tengwar fonts the author knows. It is rather unusual, as tengwar itself differs from the Latin alphabet. There are no fixed relations between the tengwar and Latin letters, because each tengwa may correspond to different sounds in different languages. Thus, the layout is devised rather to show the logical construction of the Tengwar. There are various software utilities designed to help people with these fonts, and they can be also used with Tengwar Formal. Yet this is not too difficult to learn its basics:

- blue** characters are the keyboard strokes
- black** characters is what you get in this font
- gray** characters are only to show usage of black characters
- red** character is the only one that differs from the original Dan Smith's mapping

### Lower case:

ı	Ɔ	Ɔ̇	Ɔ̈	Ɔ̉	Ɔ̊	Ɔ̋	Ɔ̌	Ɔ̍	Ɔ̎	Ɔ̏	Ɔ̐	Ɔ̑	Ɔ̒
·	1	2	3	4	5	6	7	8	9	0	-	=	\
	Ɔ	Ɔ̇	Ɔ̈	Ɔ̉	Ɔ̊	Ɔ̋	Ɔ̌	Ɔ̍	Ɔ̎	Ɔ̏	Ɔ̐	Ɔ̑	Ɔ̒
	q	w	e	r	t	y	u	i	o	p	[	]	c
	Ɔ̓	Ɔ̔	Ɔ̕	Ɔ̖	Ɔ̗	Ɔ̘	Ɔ̙	Ɔ̚	Ɔ̛	Ɔ̜	Ɔ̝	Ɔ̞	Ɔ̟
	a	s	d	f	g	h	j	k	l	;	'		
	Ɔ̠	Ɔ̡	Ɔ̢	Ɔ̣	Ɔ̤	Ɔ̥	Ɔ̦	Ɔ̧	Ɔ̨	Ɔ̩	Ɔ̪	Ɔ̫	Ɔ̬
	z	x	c	v	b	n	m	,	.	/			

### Upper case:

ı	Ɔ̑	Ɔ̒	Ɔ̓	Ɔ̔	Ɔ̕	Ɔ̖	Ɔ̗	Ɔ̘	Ɔ̙	Ɔ̚	Ɔ̛	Ɔ̜	Ɔ̝	Ɔ̞
~	!	@	#	\$	%	^	&	*	(	)	-	+		Ɔ̟
	Ɔ̑	Ɔ̒	Ɔ̓	Ɔ̔	Ɔ̕	Ɔ̖	Ɔ̗	Ɔ̘	Ɔ̙	Ɔ̚	Ɔ̛	Ɔ̜	Ɔ̝	Ɔ̞
	Q	W	E	R	T	Y	U	I	O	P	{	}	Ɔ̟	
	Ɔ̠	Ɔ̡	Ɔ̢	Ɔ̣	Ɔ̤	Ɔ̥	Ɔ̦	Ɔ̧	Ɔ̨	Ɔ̩	Ɔ̪	Ɔ̫	Ɔ̬	Ɔ̭
	A	S	D	F	G	H	J	K	L	:	"			
	Ɔ̠	Ɔ̡	Ɔ̢	Ɔ̣	Ɔ̤	Ɔ̥	Ɔ̦	Ɔ̧	Ɔ̨	Ɔ̩	Ɔ̪	Ɔ̫	Ɔ̬	Ɔ̭
	Z	X	C	V	B	N	M	<	>	?				

## Extended keyboard strokes for tethar on US keyboard

### Tetha symbols above the tengwar:

Reverse triple over-dots	<a href="#">alt/0170</a> ṑ̈̈̈	<a href="#">alt/0173</a> better <a href="#">alt/0128</a> ṑ̈̈̈	<a href="#">alt/0175</a> ṑ̈̈̈	<a href="#">alt/0181</a> ṑ̈̈̈
Double over-dots	<a href="#">alt/0212</a> ṑ̈̈	<a href="#">alt/0213</a> ṑ̈̈	<a href="#">alt/0214</a> ṑ̈̈	<a href="#">alt/0215</a> ṑ̈̈
Over-chevron	<a href="#">alt/0216</a> ṑ̈̈	<a href="#">alt/0217</a> ṑ̈̈	<a href="#">alt/0218</a> ṑ̈̈	<a href="#">alt/0219</a> ṑ̈̈
Over-circumflex	<a href="#">alt/0220</a> ṑ̂̂	<a href="#">alt/0221</a> ṑ̂̂	<a href="#">alt/0222</a> ṑ̂̂	<a href="#">alt/0223</a> ṑ̂̂
Reverse over-curl	<a href="#">alt/0224</a> ṑ̂̂	<a href="#">alt/0225</a> ṑ̂̂	<a href="#">alt/0226</a> ṑ̂̂	<a href="#">alt/0225</a> ṑ̂̂
Over-twist	<a href="#">alt/0232</a> ṑ̃̃	<a href="#">alt/0233</a> ṑ̃̃	<a href="#">alt/0234</a> ṑ̃̃	<a href="#">alt/0235</a> ṑ̃̃
High over-bar	<a href="#">alt/0236</a> ṑ̄̄	<a href="#">alt/0238</a> ṑ̄̄		

### Tetha symbols below the Tengwa:

Single under-dot	<a href="#">alt/0200</a> ṑ̇	<a href="#">alt/0201</a> ṑ̇	<a href="#">alt/0202</a> ṑ̇	<a href="#">alt/0203</a> ṑ̇
Double under-dots	<a href="#">alt/0204</a> ṑ̇̇	<a href="#">alt/0205</a> ṑ̇̇	<a href="#">alt/0206</a> ṑ̇̇	<a href="#">alt/0207</a> ṑ̇̇
Reverse triple under-dots	<a href="#">alt/0208</a> ṑ̇̇̇	<a href="#">alt/0209</a> ṑ̇̇̇	<a href="#">alt/0210</a> ṑ̇̇̇	<a href="#">alt/0211</a> ṑ̇̇̇
Under-curl	<a href="#">alt/0228</a> ṑ̇̇̇	<a href="#">alt/0229</a> ṑ̇̇̇	<a href="#">alt/0230</a> ṑ̇̇̇	<a href="#">alt/0231</a> ṑ̇̇̇
Under-carrier	<a href="#">alt/0252</a> ṑ̇̇̇	<a href="#">alt/0253</a> ṑ̇̇̇	<a href="#">alt/0254</a> ṑ̇̇̇	<a href="#">alt/0255</a> ṑ̇̇̇
Single under-accent	<a href="#">alt/0137</a> ṑ̇̇̇	<a href="#">alt/0138</a> ṑ̇̇̇	<a href="#">alt/0139</a> ṑ̇̇̇	<a href="#">alt/0159</a> ṑ̇̇̇
Double under-accent	<a href="#">alt/0131</a> ṑ̇̇̇	<a href="#">alt/0132</a> ṑ̇̇̇	<a href="#">alt/0133</a> ṑ̇̇̇	<a href="#">alt/0134</a> ṑ̇̇̇
Under-tail	<a href="#">alt/0145</a> ṑ̇̇̇	<a href="#">alt/0146</a> ṑ̇̇̇	<a href="#">alt/0147</a> ṑ̇̇̇	<a href="#">alt/0148</a> ṑ̇̇̇
Low under-bar	<a href="#">alt/0237</a> ṑ̇̇̇	<a href="#">alt/0239</a> ṑ̇̇̇		

### Tetha symbols inside the Tengwa:

Inside tilde	<a href="#">alt/0176</a> ṑ̃̃
Inside double-accent	<a href="#">alt/0130</a> ṑ̃̃

Inside bar	<a href="#">alt/0184</a> ṑ̃̃
Inside double dots	<a href="#">alt/0180</a> ṑ̃̃

### Additional s-curly:

Lifted curl	<a href="#">alt/0161</a> ṑ̃̃
Upward curl	<a href="#">alt/0197</a> ṑ̃̃
Swash curl	<a href="#">alt/0163</a> ṑ̃̃

Raised curl	<a href="#">alt/0162</a> ṑ̃̃
Raised upward curl	<a href="#">alt/0198</a> ṑ̃̃
Lowered swash curl	<a href="#">alt/0165</a> ṑ̃̃

**Additional Tengwar Letters used by Christopher Tolkien:**

Alternate letter for <i>quesse</i>	<a href="#">alt/0196</a>	ḡ
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Alternate letter for <i>halla</i>	<a href="#">alt/0189</a>	l
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**Additional Tengwar Letters used in J.R.R. Tolkien's English texts:**

Alternate letter for <i>HW</i>	<a href="#">alt/0190</a>	ḥ
Alternate letter for <i>HW</i>	<a href="#">alt/0179</a>	ḥ

Alternate letter for <i>schwa</i>	<a href="#">alt/0188</a>	ʁ
Alternate letter for <i>HW</i>	<a href="#">alt/0191</a>	ʁ

**Additional Tengwar Letters used in J.R.R. Tolkien's Sindarin texts:**

Alternate letter for <i>a</i>	<a href="#">alt/0135</a>	ḡ
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Alternate letter for <i>MH</i>	<a href="#">alt/0154</a>	ḡ
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**Additional Tengwar Letters used in J.R.R. Tolkien's Anglo-Saxon texts:**

Old English letter for <i>HW</i>	<a href="#">alt/0149</a>	h
Old English letter for <i>SC (sh)</i>	<a href="#">alt/0150</a>	ƿ
Old English symbol for & ( <i>and</i> )	<a href="#">alt/0151</a>	ƿ

Old English letter for <i>back HT</i>	<a href="#">alt/0166</a>	ƿ
Old English letter for <i>front HT</i>	<a href="#">alt/0167</a>	ƿ

**Additional punctuation:**

Elvish question mark	<a href="#">alt/0192</a>	β
Elvish exclamation mark	<a href="#">alt/0193</a>	l
Elvish parenthesis	<a href="#">alt/0155</a>	l
Single wide tilde	<a href="#">alt/0194</a>	~
Double narrow tilde	<a href="#">alt/0172</a>	≈
Elvish comma	<a href="#">alt/0136</a>	∴
Old English double front quote	<a href="#">alt/0171</a>	"
Old English double back quote	<a href="#">alt/0187</a>	"

Modern question mark	<a href="#">alt/0174</a>	?
Modern exclamation mark	<a href="#">alt/0199</a>	!
Modern period	<a href="#">alt/0186</a>	.
Modern semicolon	<a href="#">alt/0195</a>	;
Modern comma	<a href="#">alt/0185</a>	,
Modern front quote	<a href="#">alt/0177</a>	'
Modern back quote	<a href="#">alt/0178</a>	'
Modern front parenthesis	<a href="#">alt/0140</a>	(
Modern back parenthesis	<a href="#">alt/0156</a>	)

**Tengwar numbers**

Tengwar digits 0-3	<a href="#">alt/0240</a>	o	<a href="#">alt/0241</a>	o	<a href="#">alt/0242</a>	o	<a href="#">alt/0243</a>	o
Tengwar digits 4-7	<a href="#">alt/0244</a>	l	<a href="#">alt/0245</a>	l	<a href="#">alt/0246</a>	l	<a href="#">alt/0247</a>	l
Tengwar digits 8-11	<a href="#">alt/0248</a>	l	<a href="#">alt/0249</a>	l	<a href="#">alt/0250</a>	o	<a href="#">alt/0251</a>	o
Base-12 identifiers	<a href="#">alt/0152</a>	o	<a href="#">alt/0153</a>	o	<a href="#">alt/0168</a>	o	<a href="#">alt/0169</a>	o

## Tengwar Formal A Keyboard layout

Tengwar Formal A font provides a small set of symbols to use in specific conditions. For example, it contains modified versions of *rómen* and *arda* to use with double under-dots. Additionally, the font comes with superscript *yanta* and *úre* tetha symbols, used occasionally in Sindarin texts, but never present in standard Dan Smith's mapping.

### Additional Tengwar Letters:

Alternate letter for <i>rómen</i>	<b>7</b>	ƶ
Alternate letter for <i>arda</i>	<b>u</b>	ƶ
Alternate letter for <i>HW</i>	<b>alt/0191</b>	λ

Alternate letter for <i>MH</i>	<b>y</b>	Ɔ
Alternate letter for <i>hwesta</i>	<b>&lt;</b>	đ

### Standard carriers for compatibility only:

Short vowel carrier	<b>`</b>	ı
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Long vowel carrier	<b>~</b>	ı
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### Additional Tetha symbols:

Superscript <i>úre</i>	<b>#</b>	ǰ̇	<b>E</b>	ǰ̇	<b>D</b>	ǰ̇	<b>C</b>	ǰ̇
Narrow over-twist	<b>\$</b>	ǰ̄	<b>R</b>	ǰ̄	<b>F</b>	ǰ̄	<b>V</b>	ǰ̄
Superscript <i>yanta</i>	<b>%</b>	ǰ̂	<b>T</b>	ǰ̂	<b>G</b>	ǰ̂	<b>B</b>	ǰ̂
Over-breve	<b>^</b>	ǰ̆	<b>Y</b>	ǰ̆	<b>H</b>	ǰ̆	<b>N</b>	ǰ̆
Swash curl for <i>hyarmen</i>	<b>}</b>	ƶ̣						

### Final notes:

Keystrokes with alt key shown above may not work correctly under non-Windows operating systems because of differences between their keyboards. Nevertheless, it should be still possible to use "insert -> special chars".