

# Hebrew font encodings for use with L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>

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## 1 Hebrew default fonts

### 1.1 Roman font

new version

```
1 (*NHE8cmr)
2 \DeclareFontFamily{NHE8}{cmr}{\hyphenchar\font45}
3 \DeclareFontShape{NHE8}{cmr}{m}{n}
4     {<-> david-new }{}
5 %%%% Italicized shape
6 \DeclareFontShape{NHE8}{cmr}{m}{it}
7     {<-> davidi-new }{}
8 \DeclareFontShape{NHE8}{cmr}{m}{sl}
9     {<-> davidi-new }{}
10 \DeclareFontShape{NHE8}{cmr}{m}{sc}
11     {<-> david-new }{}
12 %%%% Bold extended series
13 \DeclareFontShape{NHE8}{cmr}{bx}{n}
14     {<-> davidb-new }{}
15 \DeclareFontShape{NHE8}{cmr}{b}{n}
16     {<-> davidb-new }{}
17 %%%% Bold extended (Italic) series
18 \DeclareFontShape{NHE8}{cmr}{bx}{sl}
19     {<-> davidbi-new }{}
20 \DeclareFontShape{NHE8}{cmr}{bx}{it}
21     {<-> davidbi-new }{}
22 </NHE8cmr>
```

old version

```
23 (*HE8cmr)
24 \DeclareFontFamily{HE8}{cmr}{\hyphenchar\font45}
25 \DeclareFontShape{HE8}{cmr}{m}{n}
26     {<-> david }{}
27 %%%% Italicized shape
28 \DeclareFontShape{HE8}{cmr}{m}{it}
29     {<-> davidi }{}
30 \DeclareFontShape{HE8}{cmr}{m}{sl}
31     {<-> davidi }{}
32 \DeclareFontShape{HE8}{cmr}{m}{sc}
33     {<-> david }{}
34 %%%% Bold extended series
35 \DeclareFontShape{HE8}{cmr}{bx}{n}
```

```

36      {<-> davidb }{}
37 \DeclareFontShape{HE8}{cmr}{b}{n}
38      {<-> davidb }{}
39 %%%%%%%%% Bold extended (Italic) series
40 \DeclareFontShape{HE8}{cmr}{bx}{sl}
41      {<-> davidbi }{}
42 \DeclareFontShape{HE8}{cmr}{bx}{it}
43      {<-> davidbi }{}
44 </HE8cmr>

```

### 1.1.1 Sans-serif font

new version

```

45 (*NHE8cmss)
46 \DeclareFontFamily{NHE8}{cmss}{\hyphenchar\font45}
47 \DeclareFontShape{NHE8}{cmss}{m}{n}
48      {<-> nachlieli-new }{}
49 %%%%%%%%% Italicized shape
50 \DeclareFontShape{NHE8}{cmss}{m}{it}
51      {<-> nachlieli-new }{}
52 \DeclareFontShape{NHE8}{cmss}{m}{sl}
53      {<-> nachlieli-new }{}
54 \DeclareFontShape{NHE8}{cmss}{m}{sc}
55      {<-> nachlieli-new }{}
56 %%%%%%%%% Bold extended series
57 \DeclareFontShape{NHE8}{cmss}{bx}{n}
58      {<-> nachlieli-new }{}
59 \DeclareFontShape{NHE8}{cmss}{b}{n}
60      {<-> nachlieli-new }{}
61 %%%%%%%%% Bold extended (Italic) series
62 \DeclareFontShape{NHE8}{cmss}{bx}{sl}
63      {<-> nachlieli-new }{}
64 \DeclareFontShape{NHE8}{cmss}{bx}{it}
65      {<-> nachlieli-new }{}
66 </NHE8cmss>

```

old version

```

67 (*HE8cmss)
68 \DeclareFontFamily{HE8}{cmss}{\hyphenchar\font45}
69 \DeclareFontShape{HE8}{cmss}{m}{n}
70      {<-> nachlieli }{}
71 %%%%%%%%% Italicized shape
72 \DeclareFontShape{HE8}{cmss}{m}{it}
73      {<-> nachlieli }{}
74 \DeclareFontShape{HE8}{cmss}{m}{sl}
75      {<-> nachlieli }{}
76 \DeclareFontShape{HE8}{cmss}{m}{sc}
77      {<-> nachlieli }{}
78 %%%%%%%%% Bold extended series
79 \DeclareFontShape{HE8}{cmss}{bx}{n}
80      {<-> nachlieli }{}
81 \DeclareFontShape{HE8}{cmss}{b}{n}
82      {<-> nachlieli }{}
83 %%%%%%%%% Bold extended (Italic) series

```

```

84 \DeclareFontShape{HE8}{cmss}{bx}{sl}
85     {<-> nachlieli }{}
86 \DeclareFontShape{HE8}{cmss}{bx}{it}
87     {<-> nachlieli }{}
88 </HE8cmss>

```

### 1.1.2 Typewriter font

new version

```

89 (*NHE8cmtt)
90 \DeclareFontFamily{NHE8}{cmtt}{\hyphenchar\font45}
91 \DeclareFontShape{NHE8}{cmtt}{m}{n}
92     {<-> miriam-new }{}
93 %%%% Italicized shape
94 \DeclareFontShape{NHE8}{cmtt}{m}{it}
95     {<-> miriam-new }{}
96 \DeclareFontShape{NHE8}{cmtt}{m}{sl}
97     {<-> miriam-new }{}
98 \DeclareFontShape{NHE8}{cmtt}{m}{sc}
99     {<-> miriam-new }{}
100 %%%% Bold extended series
101 \DeclareFontShape{NHE8}{cmtt}{bx}{n}
102     {<-> miriam-new }{}
103 \DeclareFontShape{NHE8}{cmtt}{b}{n}
104     {<-> miriam-new }{}
105 %%%% Bold extended (Italic) series
106 \DeclareFontShape{NHE8}{cmtt}{bx}{sl}
107     {<-> miriam-new }{}
108 \DeclareFontShape{NHE8}{cmtt}{bx}{it}
109     {<-> miriam-new }{}
110 </NHE8cmtt>

```

old version

```

111 (*HE8cmtt)
112 \DeclareFontFamily{HE8}{cmtt}{\hyphenchar\font45}
113 \DeclareFontShape{HE8}{cmtt}{m}{n}
114     {<-> miriam }{}
115 %%%% Italicized shape
116 \DeclareFontShape{HE8}{cmtt}{m}{it}
117     {<-> miriam }{}
118 \DeclareFontShape{HE8}{cmtt}{m}{sl}
119     {<-> miriam }{}
120 \DeclareFontShape{HE8}{cmtt}{m}{sc}
121     {<-> miriam }{}
122 %%%% Bold extended series
123 \DeclareFontShape{HE8}{cmtt}{bx}{n}
124     {<-> miriam }{}
125 \DeclareFontShape{HE8}{cmtt}{b}{n}
126     {<-> miriam }{}
127 %%%% Bold extended (Italic) series
128 \DeclareFontShape{HE8}{cmtt}{bx}{sl}
129     {<-> miriam }{}
130 \DeclareFontShape{HE8}{cmtt}{bx}{it}
131     {<-> miriam }{}

```

132 </HE8cmtt>

### 1.1.3 Aharoni font

new version

```
133 (*NHE8aharoni)
134 \def\Aharoniscale{1.0}
135 \DeclareFontFamily{NHE8}{aharoni}{\hyphenchar\font45}
136 \DeclareFontShape{NHE8}{aharoni}{m}{n}
137   {<-> [\Aharoniscale] aharoni-new}{}
138 \DeclareFontShape{NHE8}{aharoni}{m}{it}
139   {<-> [\Aharoniscale] aharonii-new}{}
140 \DeclareFontShape{NHE8}{aharoni}{m}{sl}
141   {<-> [\Aharoniscale] aharonii-new}{}
142 \DeclareFontShape{NHE8}{aharoni}{b}{n}
143   {<-> [\Aharoniscale] aharonib-new}{}
144 \DeclareFontShape{NHE8}{aharoni}{bx}{n}
145   {<-> [\Aharoniscale] aharonib-new}{}
146 \DeclareFontShape{NHE8}{aharoni}{bx}{it}
147   {<-> [\Aharoniscale] aharonibi-new}{}
148 </NHE8aharoni>
```

old version

```
149 (*HE8aharoni)
150 \def\Aharoniscale{1.0}
151 \DeclareFontFamily{HE8}{aharoni}{\hyphenchar\font45}
152 \DeclareFontShape{HE8}{aharoni}{m}{n}
153 {<-> [\Aharoniscale] aharoni}{}
154 \DeclareFontShape{HE8}{aharoni}{m}{it}
155 {<-> [\Aharoniscale] aharonii}{}
156 \DeclareFontShape{HE8}{aharoni}{m}{sl}
157 {<-> [\Aharoniscale] aharonii}{}
158 \DeclareFontShape{HE8}{aharoni}{b}{n}
159 {<-> [\Aharoniscale] aharonib}{}
160 \DeclareFontShape{HE8}{aharoni}{bx}{n}
161 {<-> [\Aharoniscale] aharonib}{}
162 \DeclareFontShape{HE8}{aharoni}{bx}{it}
163 {<-> [\Aharoniscale] aharonibi}{}
164 </HE8aharoni>
```

### 1.1.4 8Bit David font

new version

```
165 (*NHE8david)
166 \def\Davidscale{1.0}
167 \DeclareFontFamily{HE8}{david}{\hyphenchar\font45}
168 \DeclareFontShape{NHE8}{david}{m}{n}
169 {<-> [\Davidscale] david-new}{}
170 \DeclareFontShape{NHE8}{david}{m}{it}
171 {<-> [\Davidscale] davidi-new}{}
172 \DeclareFontShape{NHE8}{david}{m}{sl}
173 {<-> [\Davidscale] davidi-new}{}
174 \DeclareFontShape{NHE8}{david}{b}{n}
```

```

175 {<-> [\Davidscale] davidb-new}{ }
176 \DeclareFontShape{NHE8}{david}{bx}{n}
177 {<-> [\Davidscale] davidb-new}{ }
178 \DeclareFontShape{NHE8}{david}{bx}{it}
179 {<-> [\Davidscale] davidbi-new}{ }
180 </NHE8david>

    old version

181 (*HE8david)
182 \def\Davidscale{1.0}
183 \DeclareFontFamily{HE8}{david}{\hyphenchar\font45}
184 \DeclareFontShape{HE8}{david}{m}{n}
185 {<-> [\Davidscale] david}{ }
186 \DeclareFontShape{HE8}{david}{m}{it}
187 {<-> [\Davidscale] davidi}{ }
188 \DeclareFontShape{HE8}{david}{m}{sl}
189 {<-> [\Davidscale] davidi}{ }
190 \DeclareFontShape{HE8}{david}{b}{n}
191 {<-> [\Davidscale] davidb}{ }
192 \DeclareFontShape{HE8}{david}{bx}{n}
193 {<-> [\Davidscale] davidb}{ }
194 \DeclareFontShape{HE8}{david}{bx}{it}
195 {<-> [\Davidscale] davidbi}{ }
196 </HE8david>

```

### 1.1.5 8Bit Drugulin font

new version

```

197 (*NHE8drugulin)
198 \def\Drugulinscale{1.0}
199 \DeclareFontFamily{NHE8}{drugulin}{\hyphenchar\font45}
200 \DeclareFontShape{NHE8}{drugulin}{m}{n}
201 {<-> [\Drugulinscale] drugulinb-new}{ }
202 \DeclareFontShape{NHE8}{drugulin}{m}{it}
203 {<-> [\Drugulinscale] drugulinbi-new}{ }
204 \DeclareFontShape{NHE8}{drugulin}{m}{sl}
205 {<-> [\Drugulinscale] drugulinbi-new}{ }
206 \DeclareFontShape{NHE8}{drugulin}{b}{n}
207 {<-> [\Drugulinscale] drugulinb-new}{ }
208 \DeclareFontShape{NHE8}{drugulin}{bx}{n}
209 {<-> [\Drugulinscale] drugulinb-new}{ }
210 \DeclareFontShape{NHE8}{drugulin}{bx}{it}
211 {<-> [\Drugulinscale] drugulinbi-new}{ }
212 </NHE8drugulin>

```

old version

```

213 (*HE8drugulin)
214 \def\Drugulinscale{1.0}
215 \DeclareFontFamily{HE8}{drugulin}{\hyphenchar\font45}
216 \DeclareFontShape{HE8}{drugulin}{m}{n}
217 {<-> [\Drugulinscale] drugulinb}{ }
218 \DeclareFontShape{HE8}{drugulin}{m}{it}
219 {<-> [\Drugulinscale] drugulinbi}{ }
220 \DeclareFontShape{HE8}{drugulin}{m}{sl}

```

```

221 {<-> [\Drugulinscale] drugulinbi}{
222 \DeclareFontShape{HE8}{drugulin}{b}{n}
223 {<-> [\Drugulinscale] drugulinb}{
224 \DeclareFontShape{HE8}{drugulin}{bx}{n}
225 {<-> [\Drugulinscale] drugulinb}{
226 \DeclareFontShape{HE8}{drugulin}{bx}{it}
227 {<-> [\Drugulinscale] drugulinbi}{
228 </HE8drugulin>

```

### 1.1.6 8Bit Ellinia font

new version

```

229 (*NHE8ellinia)
230 \def\Elliniascale{1.0}
231 \DeclareFontFamily{NHE8}{ellinia}{\hyphenchar\font45}
232 \DeclareFontShape{NHE8}{ellinia}{m}{n}
233 {<-> [\Elliniascale] ellinia-new}{
234 \DeclareFontShape{NHE8}{ellinia}{m}{it}
235 {<-> [\Elliniascale] ellinia-new}{
236 \DeclareFontShape{NHE8}{ellinia}{m}{sl}
237 {<-> [\Elliniascale] ellinia-new}{
238 \DeclareFontShape{NHE8}{ellinia}{b}{n}
239 {<-> [\Elliniascale] elliniab-new}{
240 \DeclareFontShape{NHE8}{ellinia}{bx}{n}
241 {<-> [\Elliniascale] elliniab-new}{
242 \DeclareFontShape{NHE8}{ellinia}{bx}{it}
243 {<-> [\Elliniascale] elliniabi-new}{
244 </NHE8ellinia>

```

old version

```

245 (*HE8ellinia)
246 \def\Elliniascale{1.0}
247 \DeclareFontFamily{HE8}{ellinia}{\hyphenchar\font45}
248 \DeclareFontShape{HE8}{ellinia}{m}{n}
249 {<-> [\Elliniascale] ellinia}{
250 \DeclareFontShape{HE8}{ellinia}{m}{it}
251 {<-> [\Elliniascale] ellinia}{
252 \DeclareFontShape{HE8}{ellinia}{m}{sl}
253 {<-> [\Elliniascale] ellinia}{
254 \DeclareFontShape{HE8}{ellinia}{b}{n}
255 {<-> [\Elliniascale] elliniab}{
256 \DeclareFontShape{HE8}{ellinia}{bx}{n}
257 {<-> [\Elliniascale] elliniab}{
258 \DeclareFontShape{HE8}{ellinia}{bx}{it}
259 {<-> [\Elliniascale] elliniabi}{
260 </HE8ellinia>

```

### 1.1.7 8Bit FrankRuehl font

new version

```

261 (*NHE8frankruehl)
262 \def\FrankRuehlscale{1.0}
263 \DeclareFontFamily{NHE8}{frank}{\hyphenchar\font45}

```

```

264 \DeclareFontShape{NHE8}{frank}{m}{n}
265 {<-> [\FrankRuehlscale] frank-new}{
266 \DeclareFontShape{NHE8}{frank}{m}{it}
267 {<-> [\FrankRuehlscale] franki-new}{
268 \DeclareFontShape{NHE8}{frank}{m}{sl}
269 {<-> [\FrankRuehlscale] franki-new}{
270 \DeclareFontShape{NHE8}{frank}{b}{n}
271 {<-> [\FrankRuehlscale] frankb-new}{
272 \DeclareFontShape{NHE8}{frank}{bx}{n}
273 {<-> [\FrankRuehlscale] frankb-new}{
274 \DeclareFontShape{NHE8}{frank}{bx}{it}
275 {<-> [\FrankRuehlscale] frankbi-new}{
276 </NHE8frankruehl)

    old version

277 (*HE8frankruehl)
278 \def\FrankRuehlscale{1.0}
279 \DeclareFontFamily{HE8}{frank}{\hyphenchar\font45}
280 \DeclareFontShape{HE8}{frank}{m}{n}
281 {<-> [\FrankRuehlscale] frank}{
282 \DeclareFontShape{HE8}{frank}{m}{it}
283 {<-> [\FrankRuehlscale] franki}{
284 \DeclareFontShape{HE8}{frank}{m}{sl}
285 {<-> [\FrankRuehlscale] franki}{
286 \DeclareFontShape{HE8}{frank}{b}{n}
287 {<-> [\FrankRuehlscale] frankb}{
288 \DeclareFontShape{HE8}{frank}{bx}{n}
289 {<-> [\FrankRuehlscale] frankb}{
290 \DeclareFontShape{HE8}{frank}{bx}{it}
291 {<-> [\FrankRuehlscale] frankbi}{
292 </HE8frankruehl)

```

### 1.1.8 8Bit KtavYad font

```

new version

293 (*NHE8yad)
294 \def\KtavYadscale{1.0}
295 \DeclareFontFamily{NHE8}{yad}{\hyphenchar\font45}
296 \DeclareFontShape{NHE8}{yad}{m}{n}
297 {<-> [\KtavYadscale] yadi-new}{
298 \DeclareFontShape{NHE8}{yad}{m}{it}
299 {<-> [\KtavYadscale] yadi-new}{
300 \DeclareFontShape{NHE8}{yad}{m}{sl}
301 {<-> [\KtavYadscale] yadi-new}{
302 \DeclareFontShape{NHE8}{yad}{b}{n}
303 {<-> [\KtavYadscale] yadbi-new}{
304 \DeclareFontShape{NHE8}{yad}{bx}{n}
305 {<-> [\KtavYadscale] yadbi-new}{
306 \DeclareFontShape{NHE8}{yad}{bx}{it}
307 {<-> [\KtavYadscale] yadbi-new}{
308 </NHE8yad)

    old version

309 (*HE8yad)

```

```

310 \def\KtavYadscale{1.0}
311 \DeclareFontFamily{HE8}{yad}{\hyphenchar\font45}
312 \DeclareFontShape{HE8}{yad}{m}{n}
313 {<-> [\KtavYadscale] yadi}{}
314 \DeclareFontShape{HE8}{yad}{m}{it}
315 {<-> [\KtavYadscale] yadi}{}
316 \DeclareFontShape{HE8}{yad}{m}{sl}
317 {<-> [\KtavYadscale] yadi}{}
318 \DeclareFontShape{HE8}{yad}{b}{n}
319 {<-> [\KtavYadscale] yadbi}{}
320 \DeclareFontShape{HE8}{yad}{bx}{n}
321 {<-> [\KtavYadscale] yadbi}{}
322 \DeclareFontShape{HE8}{yad}{bx}{it}
323 {<-> [\KtavYadscale] yadbi}{}
324 </HE8yad>

```

### 1.1.9 8Bit MiriamMono font

new version

```

325 (*NHE8miriam)
326 \def\MiriamMonoscale{1.0}
327 \DeclareFontFamily{NHE8}{miriam}{\hyphenchar\font45}
328 \DeclareFontShape{NHE8}{miriam}{m}{n}
329 {<-> [\MiriamMonoscale] miriam-new}{}
330 \DeclareFontShape{NHE8}{miriam}{m}{it}
331 {<-> [\MiriamMonoscale] miriami-new}{}
332 \DeclareFontShape{NHE8}{miriam}{m}{sl}
333 {<-> [\MiriamMonoscale] miriami-new}{}
334 \DeclareFontShape{NHE8}{miriam}{b}{n}
335 {<-> [\MiriamMonoscale] miriamb-new}{}
336 \DeclareFontShape{NHE8}{miriam}{bx}{n}
337 {<-> [\MiriamMonoscale] miriamb-new}{}
338 \DeclareFontShape{NHE8}{miriam}{bx}{it}
339 {<-> [\MiriamMonoscale] miriambi-new}{}
340 </NHE8miriam>

```

old version

```

341 (*HE8miriam)
342 \def\MiriamMonoscale{1.0}
343 \DeclareFontFamily{HE8}{miriam}{\hyphenchar\font45}
344 \DeclareFontShape{HE8}{miriam}{m}{n}
345 {<-> [\MiriamMonoscale] miriam}{}
346 \DeclareFontShape{HE8}{miriam}{m}{it}
347 {<-> [\MiriamMonoscale] miriami}{}
348 \DeclareFontShape{HE8}{miriam}{m}{sl}
349 {<-> [\MiriamMonoscale] miriami}{}
350 \DeclareFontShape{HE8}{miriam}{b}{n}
351 {<-> [\MiriamMonoscale] miriamb}{}
352 \DeclareFontShape{HE8}{miriam}{bx}{n}
353 {<-> [\MiriamMonoscale] miriamb}{}
354 \DeclareFontShape{HE8}{miriam}{bx}{it}
355 {<-> [\MiriamMonoscale] miriambi}{}
356 </HE8miriam>

```



### 1.1.10 8Bit Nachlieli font

new version

```
357 (*NHE8nachlieli)
358 \def\Nachlieliscal{1.0}
359 \DeclareFontFamily{NHE8}{nachlieli}{\hyphenchar\font45}
360 \DeclareFontShape{NHE8}{nachlieli}{m}{n}
361 {<-> [\Nachlieliscal] nachlieli-new}{f}
362 \DeclareFontShape{NHE8}{nachlieli}{m}{it}
363 {<-> [\Nachlieliscal] nachlieli-new}{f}
364 \DeclareFontShape{NHE8}{nachlieli}{m}{sl}
365 {<-> [\Nachlieliscal] nachlieli-new}{f}
366 \DeclareFontShape{NHE8}{nachlieli}{b}{n}
367 {<-> [\Nachlieliscal] nachlielib-new}{f}
368 \DeclareFontShape{NHE8}{nachlieli}{bx}{n}
369 {<-> [\Nachlieliscal] nachlielib-new}{f}
370 \DeclareFontShape{NHE8}{nachlieli}{bx}{it}
371 {<-> [\Nachlieliscal] nachlielib-new}{f}
372 </NHE8nachlieli>
```

old version

```
373 (*HE8nachlieli)
374 \def\Nachlieliscal{1.0}
375 \DeclareFontFamily{HE8}{nachlieli}{\hyphenchar\font45}
376 \DeclareFontShape{HE8}{nachlieli}{m}{n}
377 {<-> [\Nachlieliscal] nachlieli}{f}
378 \DeclareFontShape{HE8}{nachlieli}{m}{it}
379 {<-> [\Nachlieliscal] nachlieli}{f}
380 \DeclareFontShape{HE8}{nachlieli}{m}{sl}
381 {<-> [\Nachlieliscal] nachlieli}{f}
382 \DeclareFontShape{HE8}{nachlieli}{b}{n}
383 {<-> [\Nachlieliscal] nachlielib}{f}
384 \DeclareFontShape{HE8}{nachlieli}{bx}{n}
385 {<-> [\Nachlieliscal] nachlielib}{f}
386 \DeclareFontShape{HE8}{nachlieli}{bx}{it}
387 {<-> [\Nachlieliscal] nachlielib}{f}
388 </HE8nachlieli>
```