

あ“あ・い Ryumin-Light  
あ“あ・い← IPA明朝 (ipam)  
あ“あ・い← KozMinPr6N-Regular  
あ“あ・い← IPA P明朝 (ipamp)  
あ 123 \relax

ここからは、欧文文字フォントは IPA EX ゴシック

#### 文字範囲の代入/取得テスト

「ô」は2番の文字範囲なので、和文扱いのはず  
iso8859-1 和文扱い:0 § ¶ ° £ ¥ ô  
iso8859-1 欧文扱い:1 § ¶ ° £ ¥ ô

#### 文字範囲の状況取得

0 1 0

#### 文字コード 文字範囲

217 1 2 -1

ほとんど欧文扱い。2番は別（「あ」）和文扱いにもどる

以下は JFM グルー挿入検証

JA-JA (penなし)

あ	ア	. GLYPH 256 あ 63 . kern 1 20.0pt (from JFM) ----- . GLYPH 256 ア 63 . GLYPH 256 あ 63
あい		. kern 0 -14.1pt (from 'lineend' in JFM) . penalty 0 (for kinsoku) . glue 0 14.1pt plus 0.4pt minus 0.4pt ----- . GLYPH 256 い 63 . GLYPH 256 あ 63
あ	ウ	. kern 0 -14.1pt (from 'lineend' in JFM) . penalty 0 (for kinsoku) . glue 0 28.20001pt (from JFM) ----- . GLYPH 256 ウ 63 . GLYPH 256 あ 63
い	ア	. kern 1 20.0pt (from JFM) ----- . GLYPH 256 ア 63 . GLYPH 256 い 63
い	イ	. glue 0 0.0pt plus 0.4pt minus 0.4pt ----- . GLYPH 256 い 63 . GLYPH 256 い 63
い	ウ	. glue 0 14.1pt (from JFM) ----- . GLYPH 256 ウ 63

JA-EN (penなし)

あ	a	. GLYPH 256 あ 63 . kern 1 12.1pt (from JFM) ----- . GLYPH 256 a 62 . GLYPH 256 い 63
い	a	. penalty 0 (for kinsoku) . glue 0 2.40065pt plus 1.0pt minus 1.0pt ----- . GLYPH 256 a 62 . GLYPH 256 う 63
う	a	. kern 0 -14.1pt (from 'lineend' in JFM) . penalty 0 (for kinsoku) . glue 0 31.40001pt (from JFM) ----- . GLYPH 256 a 62 . GLYPH 256 え 63
え	a	. kern 1 17.3pt (from JFM) ----- . GLYPH 256 a 62 . GLYPH 256 お 63
お	a	. kern 0 -14.1pt (from 'lineend' in JFM) . penalty 0 (for kinsoku) . kern 1 14.1pt (might be replaced) . glue 0 2.40065pt plus 1.0pt minus 1.0pt ----- . GLYPH 256 a 62

EN-JA (penなし)

a	あ	. GLYPH 256 a 62 . penalty 0 (for kinsoku) . glue 0 2.40065pt plus 1.0pt minus 1.0pt ----- . GLYPH 256 あ 63 . GLYPH 256 a 62
a	い	. glue 0 14.1pt (from JFM) ----- . GLYPH 256 い 63 . GLYPH 256 a 62
a	う	. kern 1 20.0pt (from JFM) ----- . GLYPH 256 う 63

JA-明 kern (penなし)

あ		. GLYPH 256 あ 63 . kern 1 12.1pt (from JFM) ----- . kern 1 3.0pt
い		. GLYPH 256 い 63 . kern 1 3.0pt ----- . GLYPH 256 う 63
う		. penalty 10000 (for kinsoku) . glue 0 17.3pt (from JFM) ----- . kern 1 3.0pt

明 kern-JA (penなし)

あ		. kern 1 3.0pt ----- . GLYPH 256 あ 63 . kern 1 3.0pt
い		. penalty 10000 (for kinsoku) . glue 0 14.1pt (from JFM) ----- . GLYPH 256 い 63 . kern 1 3.0pt
う		. kern 1 20.0pt (from JFM) ----- . GLYPH 256 う 63

italic correction

*f* (あ)

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. GLYPH 256 f 37
. kern 1 2.11945pt (italic correction)
. penalty 10000 (for kinsoku)
. glue 0 5.0pt minus 5.0pt (from JFM)
. hlist 0 (8.8+1.2)x5.0
.. glue 0 0.0pt plus 1.0fil minus 1.0fil
.. GLYPH 0 ( 60
. kern 1 0.0pt (italic correction)
. hlist 0 (8.8+1.2)x10.0
.. GLYPH 0 あ 60
.. glue 0 0.0pt plus 1.0fil minus 1.0fil
. glue 0 0.0pt plus 0.4pt minus 0.4pt
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### JA-JA (pen あり)

あ ア	<ul style="list-style-type: none"> <li>. GLYPH 256 あ 63</li> <li>. kern 1 20.0pt (from JFM)</li> <li>. GLYPH 256 ア 63</li> <li>. GLYPH 256 あ 63</li> </ul>
あい	<ul style="list-style-type: none"> <li>. kern 0 -14.1pt (from 'lineend' in JFM)</li> <li>. penalty 123 (for kinsoku)</li> <li>. glue 0 14.1pt plus 0.4pt minus 0.4pt</li> <li>. GLYPH 256 い 63</li> <li>. GLYPH 256 あ 63</li> </ul>
あ ウ	<ul style="list-style-type: none"> <li>. kern 0 -14.1pt (from 'lineend' in JFM)</li> <li>. penalty 123 (for kinsoku)</li> <li>. glue 0 28.20001pt (from JFM)</li> <li>. GLYPH 256 ウ 63</li> <li>. GLYPH 256 い 63</li> </ul>
い ア	<ul style="list-style-type: none"> <li>. kern 1 20.0pt (from JFM)</li> <li>. GLYPH 256 ア 63</li> <li>. GLYPH 256 い 63</li> </ul>
いい	<ul style="list-style-type: none"> <li>. penalty 123 (for kinsoku)</li> <li>. glue 0 0.0pt plus 0.4pt minus 0.4pt</li> <li>. GLYPH 256 い 63</li> <li>. GLYPH 256 い 63</li> </ul>
い ウ	<ul style="list-style-type: none"> <li>. penalty 123 (for kinsoku)</li> <li>. glue 0 14.1pt (from JFM)</li> <li>. GLYPH 256 ウ 63</li> </ul>

### JA-EN (pen あり)

あ a	<ul style="list-style-type: none"> <li>. GLYPH 256 あ 63</li> <li>. kern 1 12.1pt (from JFM)</li> <li>. GLYPH 256 a 62</li> <li>. GLYPH 256 い 63</li> </ul>
い a	<ul style="list-style-type: none"> <li>. penalty 123 (for kinsoku)</li> <li>. glue 0 2.40065pt plus 1.0pt minus 1.0pt</li> <li>. GLYPH 256 a 62</li> <li>. GLYPH 256 う 63</li> </ul>
う a	<ul style="list-style-type: none"> <li>. kern 0 -14.1pt (from 'lineend' in JFM)</li> <li>. penalty 123 (for kinsoku)</li> <li>. glue 0 31.40001pt (from JFM)</li> <li>. GLYPH 256 a 62</li> <li>. GLYPH 256 え 63</li> </ul>
え a	<ul style="list-style-type: none"> <li>. kern 1 17.3pt (from JFM)</li> <li>. GLYPH 256 a 62</li> <li>. GLYPH 256 え 63</li> </ul>
お a	<ul style="list-style-type: none"> <li>. kern 0 -14.1pt (from 'lineend' in JFM)</li> <li>. penalty 123 (for kinsoku)</li> <li>. kern 1 14.1pt (might be replaced)</li> <li>. glue 0 2.40065pt plus 1.0pt minus 1.0pt</li> <li>. GLYPH 256 a 62</li> </ul>

### EN-JA (pen あり)

a あ	<ul style="list-style-type: none"> <li>. GLYPH 256 a 62</li> <li>. penalty 321 (for kinsoku)</li> <li>. glue 0 2.40065pt plus 1.0pt minus 1.0pt</li> <li>. GLYPH 256 あ 63</li> <li>. GLYPH 256 a 62</li> </ul>
a い	<ul style="list-style-type: none"> <li>. penalty 321 (for kinsoku)</li> <li>. glue 0 14.1pt (from JFM)</li> <li>. GLYPH 256 い 63</li> <li>. GLYPH 256 a 62</li> </ul>
a う	<ul style="list-style-type: none"> <li>. kern 1 20.0pt (from JFM)</li> <li>. GLYPH 256 う 63</li> </ul>

### italic correction

f (あ)	<ul style="list-style-type: none"> <li>. GLYPH 256 f 37</li> <li>. kern 1 2.11945pt (italic correction)</li> <li>. penalty 10000 (for kinsoku)</li> <li>. glue 0 5.0pt minus 5.0pt (from JFM)</li> <li>. hlist 0 (8.8+1.2)x5.0</li> <li>.. glue 0 0.0pt plus 1.0fil minus 1.0fil</li> <li>.. GLYPH 0 ( 60</li> <li>. kern 1 0.0pt (italic correction)</li> <li>. hlist 0 (8.8+1.2)x10.0</li> <li>.. GLYPH 0 あ 60</li> <li>.. glue 0 0.0pt plus 1.0fil minus 1.0fil</li> <li>. glue 0 0.0pt plus 0.4pt minus 0.4pt</li> </ul>
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ン

. GLYPH 256 ン 63  
. glue 0 0.0pt plus 0.4pt minus 0.5pt  
. GLYPH 256 ン 63

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