

## IPAexMincho (ipaexm.ttf from IPAexfont00301)

This Japanese font covers several European languages written in Latin alphabets (but for Latvian the letters with a cedilla are horrible, similarly accents on w and y in Welsh). I was going to make a similar comment about g-breve for Turkish, but this font lacks dotted-I and dotless-i. For Serbo-Croatian in the Latin alphabet it lacks D-stroke (uppercase) although the identical Eth used in Icelandic is present. The Cyrillic glyphs are unusable because of excessive whitespace, and similarly the monotonic Greek glyphs which are also mostly oblique. This font naturally supports Japanese, and seems to cover Traditional Chinese (but not Cantonese, nor Simplified Chinese). For variations of the Latin, Cyrillic, and Greek alphabets I attempt to show the whole alphabet, followed by Article 1 of the UDHR (it is traditional!). For the other scripts and languages I merely display the digits (if not common 0..9) and Article 1.

Sources:

[http://unicode.org/udhr/assemblies/first\\_article\\_all.html](http://unicode.org/udhr/assemblies/first_article_all.html)

<http://www.omniglot.com/>

<https://en.wikipedia.org>

This document was prepared using X<sub>E</sub>T<sub>E</sub>X and fontspec. Depending on the font, missing glyphs will be replaced either by nothing at all (occasional fonts do that), a blank space, an empty box, or some other symbol indicating a missing glyph.

# 1 Latin Alphabet (European variants)

## 1.1 Catalan

A a, B b, C c, Ç ç, D d, E e, É é, È è, F f, G g, H h, I i, J j, K k, L l, ( ☒L and ☒l or L L l l are a different pronunciation to LL and ll ), M m, N n, O o, Ó ó, Ò ò, P p, Q q, R r, S s, T t, U u, Ü ü, V v, W w, X x, Y y, Z z

Tots els éssers humans neixen lliures i iguals en dignitat i en drets. Són dotats de raó i de consciència, i han de comportar-se fraternalment els uns amb els altres.

## 1.2 Czech

A a, Á á, B b, C c, Č č, D d, Ď ď, E e, É é, Ě ě, F f, G g, H h, Ch ch, I i, Í í, J j, K k, L l, M m, N n, Ň ň, O o, Ó ó, P p, Q q, R r, Ě Ě, S s, Š š, T t, Ě Ě, U u, Ú ú, Ě Ě, V v, W w, X x, Y y, Ÿ Ÿ, Z z, Ž ž

Všichni lidé rodí se svobodní a sobě rovní co do důstojnosti a práv. Jsou nadáni rozumem a svědomím a mají spolu jednat v duchu bratrství.

## 1.3 Danish

A a, B b, C c, D d, E e, F f, G g, H h, I i, J j, K k, L l, M m, N n, O o, P p, Q q, R r, S s, T t, U u, V v, W w, X x, Y y, Z z, Æ æ, Ø ø, Å å

Alle mennesker er født frie og lige i værdighed og rettigheder. De er udstyret med fornuft og samvittighed, og de bør handle mod hverandre i en broderskabets ånd.

#### 1.4 Dutch

As well as the standard 26 letters, the IJ digraph ☒ ☓ may be encountered.

Alle mensen worden vrij en gelijk in waardigheid en rechten geboren. Zij zijn begiftigd met verstand en geweten, en behoren zich jegens elkander in een geest van broederschap te gedragen.

#### 1.5 French

A a, À à, Â â, Æ æ, Ä ä, B b, C c, Ç ç, D d, E e, É é, È è, Ê ê, Ë ë, F f, G g, I i, Î î, Ï ï, J j, K k, L l, M m, N n, (Ñ ñ may be seen on words of spanish origin), O o, Ô ô, œœ, Ö ö, P p, Q q, R r, S s, T t, U u, Ù ù, Ú ú, Ü ü, V v, W w, X x, Y y, Y" ÿ, Z z

Tous les êtres humains naissent libres et égaux en dignité et en droits. Ils sont doués de raison et de conscience et doivent agir les uns envers les autres dans un esprit de fraternité.

#### 1.6 German

A a, Ä ä, B b, C c, D d, E e, F f, G g, H h, I i, J j, K k, L l, M m, N n, O o, Ö ö, P p, Q q, R r, S s, T t, U u, Ü ü, V v, W w, X x, Y y, Z z and ß (but ss in Switzerland)

Alle Menschen sind frei und gleich an Würde und Rechten geboren. Sie sind mit Vernunft und Gewissen begabt und sollen einander im Geist der Brüderlichkeit begegnen.

#### 1.7 Hungarian

A a, Á á, B b, C c, Cs cs, D d, Dz dz, Dzs dzs, E e, É é, F f, G g, Gy gy, H h, I i, Í í, J j, K k, L l, Ly ly, M m, N n, Ny ny, O o, Ó ó, Ö ö, Ő ő, P p, Q q, R r, S s, Sz sz, T t, Ty ty, U u, Ú ú, Ü ü, Ÿ Ÿ, V v, W w, X x, Y y, Z z, Zs zs

Minden emberi lény szabadon születik és egyenlő méltósága és joga van. Az emberek, ésszel és lelkiismerettel bírván, egymással szemben testvéri szellemben kell hogy visellessenek.

#### 1.8 Icelandic

A a, Á á, B b, D d, Ð ð, (eth is not used for the first letter of any word) E e, É é, F f, G g, H h, I i, Í í, J j, K k, L l, M m, N n, O o, P p, R r, S s, T t, U u, Ú ú, V v, X x, Y y, Ý ý, Þ þ, Æ æ, Ö ö

Hver maður er borinn frjáls og jafn öðrum að virðingu og réttindum. Menn eru gæddir vitsmunum og samvizku, og ber þeim að breyta bróðurlega hverjum við annan.

### 1.9 Italian

A a, À à, B b, C c, D d, E e, É é, È è, F f, G g, H h, I i, Í í, Ë ì, L l, M m, N n, O o, Ó ó, Ò ò, P p, Q q, R r, S s, T t, U u, Ú ú, Ù ù, V v, Z z

Tutti gli esseri umani nascono liberi ed eguali in dignità e diritti. Essi sono dotati di ragione e di coscienza e devono agire gli uni verso gli altri in spirito di fratellanza.

### 1.10 Latvian

A a, Ā ā, B b, C c, Č č, D d, E e, Ē ē, F f, G g, G, g., H h, I i, Ī ī, J j, K k, K, k., L l, L, l., M m, N n, N, n., O o, P p, R r, S s, Š š, T t, U u, Ū ū, V v, Z z, Ž ž

Visi cilvēki piedzimst brīvi un vienlīdzīgi savā pašcien, ā un tiesībās. Vin, i ir apveltīti ar saprātu un sirdsapzin, u, un vin, iem jāizturas citam pret citu brālības garā.

### 1.11 Polish

A a, A Ł a, B b, C c, Ć č, D d, E e, Ł Ł, F f, G g, H h, I i, J j, L l, Ł Ł, M m, N n, O o, Ó ó, P p, R r, S s, Ś ś, T t, U u, W w, Y y, Z z, Ź Ÿ, Ž ž

The letters Q q, V v, X x may be seen in foreign words.

Wszyscy ludzie rodzą się wolni i równi pod względem swej godności i swych praw. Są oni obdarzeni rozumem i sumieniem i powinni postępować wobec innych w duchu braterstwa.

### 1.12 Portuguese

A a, Á á, Â â, Ã ã, À à, B b, C c, Ç ç, D d, E e, É é, Ê ê, F f, G g, H h, I i, Í í, J j, K k, L l, M m, N n, O o, Ó ó, Õ ô, Ñ ñ, P p, Q q, R r, S s, T t, U u, Ú ú, V v, W w, X x, Y y, Z z

Todos os seres humanos nascem livres e iguais em dignidade e em direitos. Dotados de razão e de consciência, devem agir uns para com os outros em espírito de fraternidade.

### 1.13 Spanish

A a, Á á, B b, C c, D d, E e, É é, F f, G g, H h, I i, J j, K k, L l, M m, N n, Ñ ñ, O o, Ó ó, P p, Q q, R r, S s, T t, U u, Ú ú, Ü ü, V v, W w, X x, Y y, Z z

Todos los seres humanos nacen libres e iguales en dignidad y derechos y, dotados como están de razón y conciencia, deben comportarse fraternalmente los unos con los otros.

## 1.14 Welsh

A a, Á á, Â â, À à, Ä ä, B b, C c, D d, Dd dd, E e, É é, Ê ê, Ë ë, F f, Ff ff, G g, Ng ng, H h, i i, Í í, Î î, Ì ì, Í í, L l, Ll ll, M m, N n, O o, Ó ó, Ô ô, Ò ò, Õ ö, P p, Ph ph, R r, Rh rh, S s, T t, Th th, U u, Ú ú, Û û, Ü ü, W w, W' w', W^ w^, W` w`, W^ w^, Y y, Ý ý, Y^ y^, Y` y^, Y^ ý In addition, the letters J j, K k, Q q, V v, X x, Z z are used — J appears to be becoming assimilated into Welsh, the others are used in technical terms although sometimes transliterations are used. But K was part of the Welsh language until the bible was translated, when it was replaced by C because ‘the printers did not have enough Ks’ .

Genir pawb yn rhydd ac yn gydradd â’ i gilydd mewn urddas a hawliau. Fe’ u cynysgaeddir â rheswm a chydwybod, a dylai pawb ymddwyn y naill at y llall mewn ysbryd cymodlon.

## 2 CJK scripts

### 2.1 Japanese

すべての人間は、生まれながらにして自由であり、かつ、尊厳と権利とについて平等である。人間は、理性と良心とを授けられており、互いに同胞の精神をもって行動しなければならない。

### 2.2 Mandarin Chinese (traditional)

人皆生而自由；在尊嚴及權利上均各平等。人各賦有理性良知，誠應和睦相處，情同手足。

## 3 Quotation-marks, etc.

In real-world usage, particularly when looking at news sites, the presence or absence of the correct quote characters will make a difference. As a coder, I use ‘ ... ’ or ” ... ” but in good text there are variations and this font supports:

left and right single quotes ‘ ... ’	and for traditional chinese and
left and right double quotes “ ... ”	japanese
single turned comma, right	corner brackets 「...」 and
single quote ‘ ... ’	white corner brackets 『...』
guillemets «...» and	
angle quotes <...>	

In Spanish languages, the inverted exclamation-mark ¡ and inverted question-mark ¿ are necessary.

## 4 Symbols

### 4.1 Currency Symbols

Many countries have symbols for their currencies. In alphabetic order:

- |                                   |                      |
|-----------------------------------|----------------------|
| ☒ Cedi (Ghana)                    | ☒ Naira (Nigeria)    |
| ¢ Cent (many places)              | £ Pound Sterling     |
| ☒ Colon (Costa Rica, El Salvador) | ☒ Rouble (Russia)    |
| ☒ Cruzeiro (Brazil)               | ☒ Tenge (Kazakhstan) |
| \$ Dollar (many places)           | ☒ Turkish Lira       |
| ☒ Dong (Vietnam)                  | ☒ Won (Korea)        |
| € Euro                            | ¥ Yen (Japan)        |
| ☒ Hryvnia (Ukraine)               |                      |
| ☒ Manat (Azerbaijan)              |                      |

### 4.2 Other symbols in text

- |                 |              |
|-----------------|--------------|
| © Copyright     | ® Registered |
| † Dagger        | § Section    |
| ‡ Double Dagger | ☒ Trademark  |
| % Per mille     |              |
| ☒ Pilcrow       |              |