CAST IRON TYPE · FREE UNDER THE SIL OFL

Using RetroChunki

Version 0.100. A sixteen-segment display face. This sheet covers what is in the zip, how to install it, and how to light the unlit layer.



WHAT'S INCLUDED

TTF/	5 static styles (Light, Regular, Medium, Bold, Slanted) as TrueType
OTF/	the same styles as OpenType (CFF)
Variable/	`RetroChunki-VF.ttf`, every style in one file, adjustable in between
Web/	WOFF2 files for websites: each static and the variable font
OFL.txt	the license
README.txt	a plain-text copy of the essentials
This sheet	and Cast-Iron-Type-Catalog.pdf, our other typefaces

WHICH FILES SHOULD I USE?

Design apps	Adobe, Affinity, Figma, Sketch, Canva desktop, Office: install the OTFs.
Older software	or anything that rejects the OTFs: install the TTFs instead.
Variable fonts	Apps with variable-font sliders (recent Adobe apps, Figma, browsers) can use `RetroChunki-VF.ttf` for any weight in between.
Websites	Use the WOFF2 files in Web/.

Install either the OTFs or the TTFs, not both. Two copies of the same font in different formats confuse most font menus.

INSTALLING

macOS	Select the font files, double-click, and choose Install in Font Book. Or drag them into `~/Library/Fonts`.
Windows	Select the font files, right-click, and choose Install (or "Install for all users").
Linux	Copy the files into `~/.local/share/fonts` and run `fc-cache -f`.

Restart any application that was open during installation so that it picks up the new fonts.

WEIGHTS

08 12
Light 300

08 12
Regular 400

08 12
Medium 500

08 12
Bold 700

08 12
Slanted (slnt 12)

VARIABLE FONT AXES

tag	axis	min	default	max
`wght`	Weight	300	400	700
`slnt`	Slant	0	0	12

Slant leans every character about its own baseline, upright at 0 and twelve degrees at 12.

CHARACTER SET

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 4 5 6 7 8 9 ! " ' * + , - . / : ;

Capitals only: lowercase letters typed in an app show as blanks or fall back to another font, so turn on All Caps or type in capitals.

THE UNLIT LAYER

A real display shows its dark segments faintly behind the lit ones. RetroChunki can too. Every character has an unlit twin holding only the segments it leaves dark, on stylistic set 1 (`ss01`, named Unlit). Set the same text twice in the same place: once with Unlit on, in a dim color, and once plain on top, in the glow color.



1. Plain text



2. Unlit (ss01), dim



3. Both, unlit underneath

InDesign	Duplicate the text frame in place. On the copy behind, choose Character panel menu › OpenType › Stylistic Sets › Set 1, and give it the dim color.
Illustrator	The same, from Window › Type › OpenType: the Stylistic Sets menu there.
Affinity	Duplicate the text, and in the Typography panel turn on Stylistic Set 1 for the copy behind.
Figma	Duplicate the text layer. On the copy behind, open Type details › Stylistic sets and turn on Unlit.
Word	Format › Font › Advanced › Stylistic sets › 1, on a second text box behind the first.
Canva, Cricut and similar	These apps can't switch stylistic sets, so the unlit layer isn't available there. The plain lit text works everywhere.

Keep both copies in the same style and size, or the segments won't line up. The dim color looks best only a little brighter than the background.

ON THE WEB

Copy the WOFF2 files to your site. This sets a readout with its unlit layer behind it; the text goes in `data-text` as well as in the element.

```
<style>
  @font-face {
    font-family: "RetroChunki";
    src: url("/fonts/RetroChunki-VF.woff2") format("woff2");
    font-weight: 300 700;
  }
  .readout {
    position: relative;
    isolation: isolate;
    font-family: "RetroChunki", monospace;
    color: #ff4a2e;
  }
  .readout::before {
    content: attr(data-text);
    position: absolute;
    inset: 0;
    z-index: -1;
    font-feature-settings: "ss01";
    color: #3a1c18;
  }
</style>

<div class="readout" data-text="RANGE 19850">RANGE 19850</div>
```

LICENSE AND SUPPORT

RetroChunki is free for any use, commercial included, under the SIL Open Font License 1.1 (OFL.txt). You may share it and bundle it with your work. You may not sell the fonts on their own.

Questions, problems, or a character you need: hello@castirontype.com. Neomodette and Polybenetron, our commercial families, are at castirontype.com.