

Font Clamp Calculator (3.4)

About Font Clamp Calculator

I've been a font nerd for a while. I enjoy seeing designers presenting an attraction in a striking way that doesn't attract attention itself. It's exactly like a director, or cinematographer moves you into the emotional depth of a movie without you knowing it. When CSS clamp() came along, there was an explosion of responsive font management. That gave the font the ability to stop drawing attention to itself and present the message effectively. I recently visited a YouTube presentation by a favorite WordPress guru. There was a sophisticated calculator for font clamping demo development. This was better than many of the websites out there. But it wasn't enough! Here's my attempt. Enjoy.

I recently discovered a sophisticated font clamping calculator that was better than most tools out there. But it wasn't quite enough for what I needed. So here's my attempt at the ultimate font clamp calculator. Enjoy!

Font Clamp Calculator by Jim R. ([JimRWeb](#)), developed with tremendous help from Claude AI ([Anthropic](#)), based on an original snippet by Imran Siddiq ([WebSquadron](#)), in his Font Clamp Calculator (2.2).

How to Use Font Clamp Calculator

1. Configure Settings

Set your font units, viewport range, and scaling ratios. Choose a base value that represents your base root size font size.

2. Manage Font Sizes

Use the enhanced table to add, edit, delete, or reorder your font sizes. Drag rows to reorder them in the table.

3. Preview Results

Use the enhanced preview with controls to see how your fonts will look at different screen sizes. The displays are at scale at the ends of your entered Min Width and Max Width.

4. Copy CSS

Generate clamp() CSS functions ready to use in your projects. Available as classes, variables, or tag styles with enhanced copy functionality.

Pro Tip

Use Preview Font to test with your actual web fonts and enjoy the enhanced interactive experience with smooth animations and professional styling.

Preview Font: Default

 Ready  Autosave

Class

Vars

Tag

Settings

Font Units

PX

REM

Min Root (px)

16

Min Width (px)

380

Max Width (px)

1600

Max Root (px)

20

Min Scale

1.067 Minor Second

Base Value

--fs-md

Max Scale














1.067 Minor Second



















CSS Variables

add size

reset

clear all

NAME	MIN SIZE	MAX SIZE	LINE HEIG...	ACTIO...
--fs-xxxl	2.645 rem	3.307 rem	1.2	 
--fs-xxl	2.479 rem	3.099 rem	1.2	 
--fs-xl	2.323 rem	2.904 rem	1.2	 
--fs-lg	2.178 rem	2.722 rem	1.4	 
--fs-xxs	2.041 rem	2.551 rem	1.4	 
--fs-custom-1	1.913 rem	2.391 rem	1.4	 
--fs-sm	1.793 rem	2.241 rem	1.4	

--fs-xs	1.680 rem	2.100 rem	1.4	 
--fs-custom-2	1.575 rem	1.968 rem	1.4	 
--fs-custom-3	1.476 rem	1.845 rem	1.4	 
--fs-custom-4	1.383 rem	1.729 rem	1.4	 
--fs-custom-5	1.296 rem	1.620 rem	1.4	 
--fs-custom-6	1.215 rem	1.518 rem	1.4	 
--fs-custom-7	1.138 rem	1.423 rem	1.4	 
--fs-custom-8	1.067 rem	1.334 rem	1.4	 
--fs-md	1.000 rem	1.250 rem	1.4	 

Font Preview

Min Size (Small Screens)

375px

--fs-xxxl
--fs-xxl
--fs-xl
--fs-lg
--fs-xxs
--fs-custom-1
--fs-sm
--fs-xs
--fs-custom-2
--fs-custom-3
--fs-custom-4
--fs-custom-5
--fs-custom-6
--fs-custom-7
--fs-custom-8
--fs-md

Max Size (Large Screens)

1620px

--fs-xxxl
--fs-xxl
--fs-xl
--fs-lg
--fs-xxs
--fs-custom-1
--fs-sm
--fs-xs
--fs-custom-2
--fs-custom-3
--fs-custom-4
--fs-custom-5
--fs-custom-6
--fs-custom-7
--fs-custom-8
--fs-md

Media

Pages

Posts

Appearance

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Templates

Elementor

Ally

ASE Snippets

SEO

Analytics

UpdraftPlus

Users

Tools

Settings

Font Clamp

Show All

Collapse Menu

Selected Variable CSS

copy

```
:root {  
  --fs-md: clamp(1rem, 0.9221rem + 0.0205vw, 1.25rem);  
}
```

Generated CSS (All Variables)

copy all

```
:root {  
  --fs-xxxl: clamp(2.645rem, 2.4388rem + 0.0543vw, 3.307rem);  
  --fs-xxl: clamp(2.479rem, 2.2859rem + 0.0508vw, 3.099rem);  
  --fs-xl: clamp(2.323rem, 2.1420rem + 0.0476vw, 2.904rem);  
  --fs-lg: clamp(2.178rem, 2.0086rem + 0.0446vw, 2.722rem);  
  --fs-xxs: clamp(2.041rem, 1.8821rem + 0.0418vw, 2.551rem);  
  --fs-custom-1: clamp(1.913rem, 1.7641rem + 0.0392vw, 2.391rem);  
  --fs-sm: clamp(1.793rem, 1.6535rem + 0.0367vw, 2.241rem);  
  --fs-xs: clamp(1.68rem, 1.5492rem + 0.0344vw, 2.1rem);  
  --fs-custom-2: clamp(1.575rem, 1.4526rem + 0.0322vw, 1.968rem);  
  --fs-custom-3: clamp(1.476rem, 1.3611rem + 0.0302vw, 1.845rem);  
  --fs-custom-4: clamp(1.383rem, 1.2752rem + 0.0284vw, 1.729rem);  
  --fs-custom-5: clamp(1.296rem, 1.1951rem + 0.0266vw, 1.62rem);  
  --fs-custom-6: clamp(1.215rem, 1.1206rem + 0.0248vw, 1.518rem);  
  --fs-custom-7: clamp(1.138rem, 1.0492rem + 0.0234vw, 1.423rem);  
  --fs-custom-8: clamp(1.067rem, 0.9838rem + 0.0219vw, 1.334rem);  
}
```

Thank you for creating with **WordPress**.

Version 6.8.1