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Font Clamp Calculator (3.4)

ℹ️ 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.

> 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).

ℹ️ 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: [Paste WOFF2 font URL] Default   💾 Ready   ☑️ Autosave

| Class | Vars | Tag |

Settings

Font Units

| PX | REM |

Min Root (px)	Min Width (px)	Max Width (px)
16	380	1600

Max Root (px)	Min Scale
20	1.067 Minor Second

Base Value	Max Scale
medium	1.067 Minor Second

Font Size Classes

[add size] [reset] [clear all]

	NAME	MIN SIZE	MAX SIZE	LINE HEIG...	ACTIONS
⠿	xxxlarge	1.296 rem	1.620 rem	1.2	✏️ 🗑
⠿	xxlarge	1.215 rem	1.518 rem	1.2	✏️ 🗑
⠿	xlarge	1.138 rem	1.423 rem	1.2	✏️ 🗑
⠿	large	1.067 rem	1.334 rem	1.4	✏️ 🗑
⠿	medium	1.000 rem	1.250 rem	1.4	✏️ 🗑
⠿	small	0.937 rem	1.172 rem	1.4	✏️ 🗑
⠿	xxsmall	0.878 rem	1.098 rem	1.4	✏️ 🗑
⠿	xsmall	0.823 rem	1.029 rem	1.4	✏️

Font Preview

| Min Size (Small Screens) | `375px` |

xxxlarge

xxlarge

xlarge

large

medium

small

xxsmall

xsmall

| Max Size (Large Screens) | `1620px` |

xxxlarge

xxlarge

xlarge

large

medium

small

xxsmall

xsmall

Selected Class CSS

`copy`

```css
.medium {
  font-size: clamp(1rem, 0.9221rem + 0.0205vw, 1.25rem);
  line-height: 1.4;
}
```

Generated CSS (All Classes)

`copy all`

```css
.xxxlarge {
  font-size: clamp(1.296rem, 1.1951rem + 0.0266vw, 1.62rem);
  line-height: 1.2;
}

.xxlarge {
  font-size: clamp(1.215rem, 1.1206rem + 0.0248vw, 1.518rem);
  line-height: 1.2;
}

.xlarge {
  font-size: clamp(1.138rem, 1.0492rem + 0.0234vw, 1.423rem);
  line-height: 1.2;
}

.large {
```

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