Font Clamp Calculator

**The Ultimate Responsive Typography Tool for WordPress**

**Overview**

Font Clamp Calculator is a sophisticated WordPress plugin that revolutionizes how web developers and designers create responsive typography. Built for professionals who demand precision and efficiency, this tool generates perfect CSS clamp() functions that ensure your fonts scale beautifully across all devices.

**What It Does**

Transform static font sizes into fluid, responsive typography with mathematical precision. The plugin calculates optimal font scaling between minimum and maximum viewport sizes, creating smooth transitions that maintain readability and visual hierarchy across desktop, tablet, and mobile devices.

**Key Features**

**🎯 Three Output Formats**

* **CSS Classes** - Ready-to-use utility classes for your stylesheets
* **CSS Variables** - Modern custom properties for design systems
* **HTML Tag Styles** - Direct styling for semantic elements (h1-h6, p)

**⚙️ Professional Controls**

* Configurable viewport ranges (min/max screen widths)
* Adjustable root font sizes and scaling ratios
* Musical scale-based typography ratios (Golden Ratio, Perfect Fourth, etc.)
* Pixel or REM unit support

**🎨 Enhanced User Experience**

* Live preview at both minimum and maximum screen sizes
* Drag-and-drop size reordering
* Custom font testing with web font URLs
* Save and Auto-save functionality
* Intuitive tabbed interface

**📋 Advanced Functionality**

* One-click CSS copying to clipboard
* Bulk operations (add, edit, delete, reset)
* Real-time calculations with visual feedback
* Responsive design with mobile optimization

**Who It's For**

* **Web Developers** building responsive websites
* **WordPress Designers** creating custom themes
* **Design System Architects** establishing typography scales
* **Freelancers** delivering professional client work
* **Agencies** streamlining their design workflow

**Technical Excellence**

Built with modern web standards and WordPress best practices:

* Secure AJAX operations with nonce verification
* Optimized performance with debounced calculations
* Clean, semantic markup and accessible interactions
* Professional error handling and validation
* Modular architecture for easy maintenance

**The Result**

Stop guessing at responsive font sizes. Generate mathematically perfect clamp() functions that create smooth, scalable typography. Your fonts will look stunning on every device, from mobile phones to ultra-wide monitors.

Transform your typography workflow from tedious manual calculations to effortless professional results. Font Clamp Calculator delivers the precision your projects deserve.

*Developed by Jim R. (JimRWeb.com) with Claude AI, inspired by Imran Siddiq's original concept.*