

Core Web Vitals Reference for Patterns

SVG Pattern SEO, Core Web Vitals & Performance

About This Document

This reference accompanies the article: SVG Pattern SEO, Core Web Vitals & Performance

Read the full article at: <https://svgeneration.com/docs/pattern-seo-performance>

Article Summary

How SVG background patterns affect Google's Core Web Vitals LCP, CLS, FID and how to optimise for search ranking.

Core Web Vitals: What Matters

Google's Core Web Vitals measure: LCP (Largest Contentful Paint page load feel), CLS (Cumulative Layout Shift visual stability), FID/INP (interaction responsiveness). SVG patterns as CSS backgrounds affect LCP indirectly and can impact CLS if not handled correctly, but generally have minimal effect on INP.

LCP and Background Patterns

Background images (including SVG data URIs in CSS) are not considered LCP candidates. Google only considers the largest visible image or text block. However, complex SVG filters on large backgrounds can delay rendering, pushing the LCP element's paint time later. Keep background SVG patterns simple and avoid heavy `feTurbulence` or `feGaussianBlur` on LCP-section backgrounds.

CLS: Preventing Layout Shift from Patterns

CSS background-image patterns do not cause layout shift because they don't occupy layout space. However, if you conditionally apply patterns based on JavaScript (e.g., detecting dark mode and swapping patterns after load), you can trigger a visual change that Google's RUM measuring tool records as CLS. Apply patterns server-side or via CSS media queries to avoid this.

Free Resources

Visit [SVGeneration.com](https://svgeneration.com) for 600 free SVG background patterns. No attribution required.

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