

Checklist to pass Google's Core Web Vitals

1. Largest Contentful Paint (LCP \leq 2.5s)

- ☐ Choose a fast hosting provider
 - ☐ Use CDN (Content Delivery Network)
 - ☐ Optimize & compress images (WebP/AVIF)
 - ☐ Implement lazy loading for images & videos
 - ☐ Minify CSS & JavaScript
 - ☐ Preload important resources (fonts, hero images)
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2. First Input Delay \rightarrow Interaction to Next Paint (INP \leq 200ms)

- ☐ Reduce JavaScript execution time
 - ☐ Break large JS tasks into smaller chunks
 - ☐ Defer or async load non-critical JS
 - ☐ Enable browser caching
 - ☐ Preconnect to required third-party domains
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3. Cumulative Layout Shift (CLS \leq 0.1)

- ☐ Always define width & height for images and videos
- ☐ Reserve space for ads, banners, and embeds
- ☐ Avoid inserting new content above existing content
- ☐ Use `font-display: swap` for web fonts

- ☐ Test pages for layout jumps during loading
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4. Monitoring & Testing Tools

- ☐ Google PageSpeed Insights
 - ☐ Google Search Console (Core Web Vitals Report)
 - ☐ Lighthouse (Chrome DevTools)
 - ☐ GTMetrix / WebPageTest
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5. Quick Wins to Boost Core Web Vitals

- ☐ Upgrade to reliable hosting
- ☐ Compress images → WebP/AVIF
- ☐ Use lightweight themes/plugins (if WordPress)
- ☐ Optimize mobile-first design
- ☐ Continuously monitor & re-test after updates