

Use webpagetest to compare the three different tests by looking at the filmstrip and look at overall file size, TTFB, speed index, and total load time.

Desktop Comparison: Test using Dulles, VA Chrome & Dulles, VA IE 10 on a cable connection.

Mobile Comparison: Test using Dulles, VA Nexus 5 Chrome & Dulles, VA iPhone 4 iOS 5.1 on a Shaped 3G connection

Test A	Test B	Test C	Test D
JPEG file	 Use webp.js ask a webp polyfill for browsers that don't natively support it.	Use <picture> to load jpeg if webp isn't supported. Include picturefill.js polyfill.	Use .htaccess code to serve WebP when supported. Use standard <img> and .jpeg file
<a href="http://mattshull.com/aristotle/webp/a/">http://mattshull.com/aristotle/webp/a/</a>	<a href="http://mattshull.com/aristotle/webp/b/">http://mattshull.com/aristotle/webp/b/</a>	<a href="http://mattshull.com/aristotle/webp/c/">http://mattshull.com/aristotle/webp/c/</a>	<a href="http://mattshull.com/aristotle/webp/d/">http://mattshull.com/aristotle/webp/d/</a>

	Chrome	IE	Nexus	iOS
Test A	<a href="#">link</a>	<a href="#">link</a>	<a href="#">link</a>	<a href="#">link</a>
Test B	<a href="#">link</a>	<a href="#">link</a>	<a href="#">link</a>	<a href="#">link</a>
Test C	<a href="#">link</a>	<a href="#">link</a>	<a href="#">link</a>	<a href="#">link</a>
Test D	<a href="#">link</a>	<a href="#">link</a>	<a href="#">link</a>	<a href="#">link</a>

## Test A Results (JPEG Only)

Browser	TTFB	Speed Index	Total Page Size
Chrome	0.364 secs	0.798 secs	272kb
IE	0.371 secs	1 sec	272kb
Nexus	1.385 secs	2.756 secs	270kb
iOS	N/A	4.2 secs	270kb

## Test B Results (WebP Polyfill)

Browser	TTFB	Speed Index	Total Page Size
Chrome	0.343 secs	1.055 secs	84kb
IE	0.366 secs	2.3 secs	84kb
Nexus	1.547 secs	2.932 secs	81kb
iOS	N/A	4 secs	188kb

## Test C Results (<picture> and Picturefill)

Browser	TTFB	Speed Index	Total Page Size
Chrome	0.358 secs	0.608 secs	64kb
IE	0.359 secs	1.2 secs	280kb
Nexus	1.241 secs	2.203 secs	61kb
iOS	N/A	6.8 secs	278kb

## Test D Results (.htaccess)

Browser	TTFB	Speed Index	Total Page Size
Chrome	0.345 secs	0.625 secs	56kb
IE	0.348 secs	1 sec	272kb
Nexus	1.474 secs	2.346 secs	53kb
iOS	N/A	5.68 secs	270kb