Performance Report for:

https://kieronoc.github.io/CI-MP2/

Report generated: Wed, Apr 21, 2021 3:31 PM -0700
Test Server Location: Vancouver, Canada
Using: Chrome (Desktop) 86.0.4240.193, Lighthouse 6.3.0

A	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shi
	100%	98%	295ms	0ms	0

Top Issues

IMPACT	AUDIT	
Med	**Serve static assets with an efficient cache policy**	Potential savings of 476KB
Low	**Serve images in next-gen formats**	Potential savings of 207KB
Low	**Avoid an excessive DOM size**	50 elements
Low	**Avoid enormous network payloads**	Total size was 628KB
Low	**Efficiently encode images**	Potential savings of 44.4KB

Page Details

295ms
Fully Loaded Time

Total Page Size - 623KB

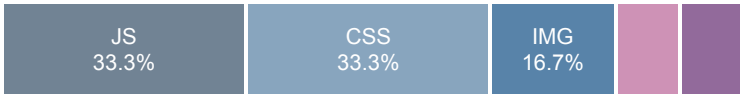
IMG

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

Total Page Requests - 12



HTML JS CSS IMG Video Font Other

About GTmetrix

CARBON 60
THE MANAGED CLOUD COMPANY

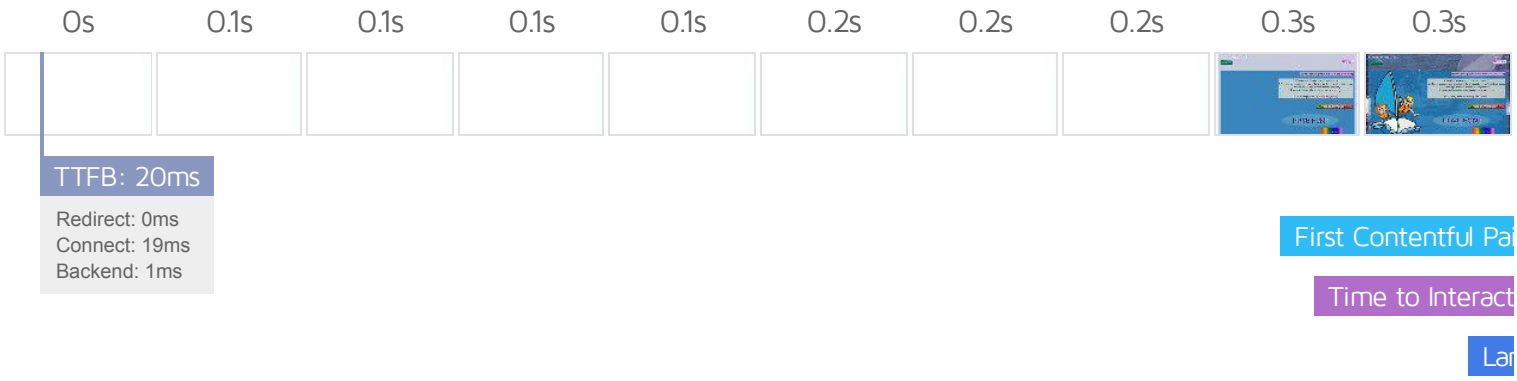
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 25 years experience in web technology.

https://carbon60.com/

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Sailing Game

CI-MP2/	200	kieronoc.github.io	2 KB	20.7ms
bootstrap.min.css	200	stackpath.bootstrapc…	21 KB	48.2ms
all.css	200	use.fontawesome.com	13.4 KB	47ms
css2?family=Original…	200	fonts.googleapis.com	795 B	69.5ms
style.css	200	kieronoc.github.io	2.1 KB	34.8ms
jquery-3.5.1.slim.min.js	200	code.jquery.com	24 KB	55.3ms
popper.min.js	200	cdn.jsdelivr.net	7.6 KB	59.8ms
bootstrap.min.js	200	stackpath.bootstrapc…	14.7 KB	41.2ms
script.js	200	kieronoc.github.io	3.9 KB	33.2ms
fastnetpeople2.jpeg	200	kieronoc.github.io	423.9 KB	16.1ms
cardfront.png	200	kieronoc.github.io	88.6 KB	9.3ms
RWmQoKGZ9vlirYnt…	200	fonts.gstatic.com	19 KB	12.3ms
favicon.ico	404	kieronoc.github.io	5 KB	2.5ms
13 Requests			**626.1 KB (927.8 KB Uncompressed)**	**295ms (Onload 245ms)**



Performance Metrics

First Contentful Paint

Good - Nothing to do here

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

262ms

Time to Interactive

Good - Nothing to do here

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

262ms

Speed Index

Good - Nothing to do here

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

341ms

Total Blocking Time

Good - Nothing to do here

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

0ms

Largest Contentful Paint

Good - Nothing to do here

How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.

295ms

Cumulative Layout Shift

Good - Nothing to do here

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

0

Browser Timings

Redirect	0ms	Connect	19ms	Backend	1ms
TTFB	20ms	DOM Int.	116ms	DOM Loaded	116ms
Onload	245ms	First Paint	262ms	Fully Loaded	295ms

IMPACT	AUDIT	
Med	**Serve static assets with an efficient cache policy**	Potential savings of 476KB
Low	**Serve images in next-gen formats**	Potential savings of 207KB
Low	**Avoid an excessive DOM size**	50 elements
Low	**Avoid enormous network payloads**	Total size was 628KB
Low	**Efficiently encode images**	Potential savings of 44.4KB
Low	**Avoid long main-thread tasks**	1 long task found
Low	**Reduce JavaScript execution time**	2ms spent executing JavaScript
Low	**Remove unused CSS**	Potential savings of 33.9KB
Low	**Reduce initial server response time**	Root document took 1ms
Low	**Avoid serving legacy JavaScript to modern browsers**	Potential savings of 61B
Low	**Avoid large layout shifts**	3 elements found
Low	**Minify JavaScript**	Potential savings of 2.06KB
Low	**Avoid chaining critical requests**	8 chains found
N/A	**Largest Contentful Paint element**	1 element found
N/A	**Minimize main-thread work**	Main-thread busy for 276ms
N/A	**Reduce the impact of third-party code**	Third-party code blocked the main thread for 0 ms

N/A	**Replace large JavaScript libraries with smaller alternatives**	0 large libraries found
N/A	**User Timing marks and measures**	