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Web Page Performance Test for

https://sinead-dotcom.github.io/beanAndGoneCoffee/index.html

From: Ireland - EC2 - **Chrome** - **Cable**
20/12/2020, 13:37:48

E	A	A	A	B	F	✓
Security score	First Byte Time	Keep-alive Enabled	Compress Transfer	Compress Images	Cache static content	Effective use of CDN

Summary   Details   **Performance Review**   Content Breakdown   Domains   Screenshot   Image Analysis ⤢   Request Map ⤢

Full Optimization Checklist

Step_1	Keep-Alive 100%	GZip 100%	Compress Img 83%	Progressive 0%	Cache Static 27%	CDN Detected 100%
1: sinead-dotcom.github.io - index.html	✓	✓				✓
2: sinead-dotcom.gi... - style-sinead.css	✓	✓			✗	✓
3: sinead-dotcom.gi...coffee-sinead-js.js	✓	✓			✗	✓
4: sinead-dotcom.gi...brand-2x-sinead.png	✓		✓		✗	✓
5: sinead-dotcom.gi...o - hero-coffee.jpg	✓		⚠	✗	✗	✓
6: sinead-dotcom.gi...ero-merchandise.jpg	✓		⚠	✗	✗	✓
7: sinead-dotcom.gi... hero-wholesale.jpg	✓		⚠	✗	✗	✓
8: sinead-dotcom.gi...on_Square_Color.png	✓		✓		✗	✓
9: sinead-dotcom.gi...go_RGB-Black_58.png	✓		✓		✗	✓
10: cdn.jsdelivr.net - bootstrap.min.css	✓	✓			✓	✓
11: cdn.jsdelivr.net...trap.bundle.min.js	✓	✓			✓	✓
12: ajax.googleapis.com - jquery.min.js	✓	✓			✓	✓
13: sinead-dotcom.github.io - favicon.ico						
	Keep-Alive	GZip	Compress Img	Progressive	Cache Static	CDN Detected

Details

First Byte Time (back-end processing): 100/100 Learn More

301 ms First Byte Time
346 ms Target First Byte Time

Use persistent connections (keep alive): 100/100

Use gzip compression for transferring compressable responses: 100/100 Learn More

86.2 KB total in compressible text, target size = 86.2 KB - potential savings = **0.0 KB**

Compress Images: 83/100 Learn More

487.8 KB total in images, target size = 403.4 KB - potential savings = **84.4 KB**

WARNING - (178.2 KB, compressed = 142.5 KB - savings of **35.8 KB**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/hero-coffee.jpg
WARNING - (171.3 KB, compressed = 139.7 KB - savings of **31.7 KB**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/hero-merchandise.jpg
WARNING - (106.7 KB, compressed = 89.7 KB - savings of **17.0 KB**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/hero-wholesale.jpg

Use Progressive JPEGs: 0/100 Learn More

0.0 KB of a possible 456.3 KB (0%) were from progressive JPEG images

FAILED (178.2 KB) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/hero-coffee.jpg
FAILED (171.3 KB) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/hero-merchandise.jpg
FAILED (106.7 KB) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/hero-wholesale.jpg

Leverage browser caching of static assets: 27/100   Learn More

FAILED - (**10.0 minutes**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/css/style-sinead.css
FAILED - (**10.0 minutes**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/js/coffee-sinead-js.js
FAILED - (**10.0 minutes**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/brand-2x-sinead.png
FAILED - (**10.0 minutes**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/hero-coffee.jpg
FAILED - (**10.0 minutes**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/hero-merchandise.jpg
FAILED - (**10.0 minutes**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/hero-wholesale.jpg
FAILED - (**10.0 minutes**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/Twitter_Social_Icon_Square_Color.png
FAILED - (**10.0 minutes**) - https://sinead-dotcom.github.io/beanAndGoneCoffee/images/f_logo_RGB-Black_58.png

Use a CDN for all static assets: 100/100

CDN's Used:
sinead-dotcom.github.io : Fastly
cdn.jsdelivr.net : jsDelivr
ajax.googleapis.com : Google

Glossary:

First Byte Time	Applicable Objects	Time to First Byte for the page (back-end processing + redirects)
	What is checked	The target time is the time needed for the DNS, socket and SSL negotiations + 100ms. A single letter grade will be deducted for every 100ms beyond the target.
Keep-Alive	Applicable Objects	All objects that are from a domain that serves more than one object for the page (i.e. if only a single object is served from a given domain it will not be checked)
	What is checked	The response header contains a "keep-alive" directive or the same socket was used for more than one object from the given host
GZIP Text	Applicable Objects	All objects with a mime type of "text/*" or "*javascript*"
	What is checked	Transfer-encoding is checked to see if it is gzip. If it is not then the file is compressed and the percentage of compression is the result (so a page that can save 30% of the size of it's text by compressing would yield a 70% test result)
Compress Images	Applicable Objects	JPEG Images
	What is checked	Within 10% of a photoshop quality 50 will pass, up to 50% larger will warn and anything larger than that will fail. The overall score is the percentage of image bytes that can be saved by re-compressing the images.
Use Progressive JPEGs	Applicable Objects	All JPEG Images
	What is checked	Each JPEG image is checked and the resulting score is the percentage of JPEG bytes that were served as progressive images relative to the total JPEG bytes.
Cache Static	Applicable Objects	Any non-html object with a mime type of "text/*", "*javascript*" or "image/*" that does not explicitly have an Expires header of 0 or -1, a cache-control header of "private", "no-store" or "no-cache" or a pragma header of "no-cache"
	What is checked	An "Expires" header is present (and is not 0 or -1) or a "cache-control: max-age" directive is present and set for an hour or greater. If the expiration is set for less 7 days you will get a warning. If the expiration is set for less than 1 hour you will get a failure. This only applies to max-age currently.
Use A CDN	Applicable Objects	All static non-html content (css, js and images)
	What is checked	Checked to see if it is hosted on a known CDN (CNAME mapped to a known CDN network). 80% of the static resources need to be served from a CDN for the overall page to be considered using a CDN. The current list of known CDN's is here

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