

PRIMARY COLORS



SECONDARY COLORS



GRAYSCALE



2.50 Fail	1.63 Fail	2.49 Fail	5.28 AA	4.87 AA	10.42 AAA	6.02 AA	5.36 AA	12.17 AAA	9.14 AAA	6.56 AA	2.93 Fail	1.73 Fail
2.50 Fail	1.53 Fail	1.00 Fail	2.11 Fail	1.95 Fail	4.17 AA Large	2.41 Fail	2.15 Fail	4.87 AA	3.66 AA Large	2.63 Fail	1.18 Fail	4.31 AA Large
1.63 Fail	1.53 Fail	1.53 Fail	3.23 AA Large	2.98 Fail	6.38 AA	3.69 AA Large	3.29 AA Large	7.46 AAA	5.60 AA	4.02 AA Large	1.80 Fail	2.82 Fail
2.49 Fail	1.00 Fail	1.53 Fail	2.12 Fail	1.95 Fail	4.18 AA Large	2.42 Fail	2.15 Fail	4.89 AA	3.67 AA Large	2.63 Fail	1.18 Fail	4.30 AA Large
5.28 AA	2.11 Fail	3.23 AA Large	2.12 Fail	1.08 Fail	1.97 Fail	1.14 Fail	1.02 Fail	2.31 Fail	1.73 Fail	1.24 Fail	1.80 Fail	9.10 AAA
4.87 AA	1.95 Fail	2.98 Fail	1.95 Fail	1.08 Fail	2.14 Fail	1.24 Fail	1.10 Fail	2.50 Fail	1.88 Fail	1.35 Fail	1.66 Fail	8.40 AAA
10.42 AAA	4.17 AA Large	6.38 AA	4.18 AA Large	1.97 Fail	2.14 Fail	1.73 Fail	1.94 Fail	1.17 Fail	1.14 Fail	1.59 Fail	3.55 AA Large	17.98 AAA
6.02 AA	2.41 Fail	3.69 AA Large	2.42 Fail	1.14 Fail	1.24 Fail	1.73 Fail	1.12 Fail	2.02 Fail	1.52 Fail	1.09 Fail	2.05 Fail	10.38 AAA
5.36 AA	2.15 Fail	3.29 AA Large	2.15 Fail	1.02 Fail	1.10 Fail	1.94 Fail	1.12 Fail	2.27 Fail	1.71 Fail	1.22 Fail	1.83 Fail	9.25 AAA
12.17 AAA	4.87 AA	7.46 AAA	4.89 AA	2.31 Fail	2.50 Fail	1.17 Fail	2.02 Fail	2.27 Fail	1.33 Fail	1.86 Fail	4.15 AA Large	21.00 AAA
9.14 AAA	3.66 AA Large	5.60 AA	3.67 AA Large	1.73 Fail	1.88 Fail	1.14 Fail	1.52 Fail	1.71 Fail	1.33 Fail	1.39 Fail	3.12 AA Large	15.78 AAA
6.56 AA	2.63 Fail	4.02 AA Large	2.63 Fail	1.24 Fail	1.35 Fail	1.59 Fail	1.09 Fail	1.22 Fail	1.86 Fail	1.39 Fail	2.23 Fail	11.32 AAA
2.93 Fail	1.18 Fail	1.80 Fail	1.18 Fail	1.80 Fail	1.66 Fail	3.55 AA Large	2.05 Fail	1.83 Fail	4.15 AA Large	3.12 AA Large	2.23 Fail	5.06 AA
1.73 Fail	4.31 AA Large	2.82 Fail	4.30 AA Large	9.10 AAA	8.40 AAA	17.98 AAA	10.38 AAA	9.25 AAA	21.00 AAA	15.78 AAA	11.32 AAA	5.06 AA

AAA

10.42

Contrast #FFF076 on #1F384B

AAA contrast is the ideal situation for websafe color contrasts. However, even w3g admits that "It is not recommended that Level AAA conformance be required as a general policy for entire sites because it is not possible to satisfy all Level AAA Success Criteria".

Contrast is the difference in luminance or color that makes an object (or its representation in an image or display) distinguishable. In visual perception of the real world, contrast is determined by the difference in the color and brightness of the object and other objects within the same field of view. Because the human visual system is more sensitive to contrast than absolute luminance, we can perceive the world similarly regardless of the huge changes in illumination over the day or from place to place. The maximum contrast of an image is the contrast ratio or dynamic range.

AA Large

4.30

Contrast #000000 on #0072CE

AA Large contrast means only copy that is considered large (font size 16px and bold) are websafe. If the copy goes underneath 16px and is not set as bold, are no longer considered websafe.

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AA

5.28

Contrast #1F384B on #00BFB3

AA contrast means any copy in normal font size (14px) have a great contrast and are therefore websafe.

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AA

4.87

Contrast #FFFFFF on #D82C26

AA contrast means any copy in normal font size (14px) have a great contrast and are therefore websafe.

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