

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

	Hex(4499EE)	Hex(0F7FD1)	Hex(0067B6)	Hex(004F9A)	Hex(003980)	Hex(002466)	Hex(000E4E)	Hex(000536)	Hex(000220)	Hex(000004)
Hex(4499EE)		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 7.02 Passed ⁶
Hex(0F7FD1)	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(0067B6)	Ratio: 1.95 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 3.61 AA 18pt ²
Hex(004F9A)	Ratio: 2.72 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(003980)	Ratio: 3.71 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.89 Failed ⁵
Hex(002466)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(000E4E)	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 4.24 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(000536)	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²	Ratio: 2.40 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(000220)	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.51 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000004)	Ratio: 7.02 Passed ⁶	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

This PDF was generated on convertingcolors.com.