

Converting Colors - WCAG Matrix

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

	Hex(39C3F1)	Hex(00A8D5)	Hex(008DB9)	Hex(00749E)	Hex(005B83)	Hex(00436A)	Hex(002D52)	Hex(00183A)	Hex(000224)	Hex(00000C)
Hex(39C3F1)		Ratio: 1.36 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 8.60 Passed ⁶	Ratio: 9.91 Passed ⁶	Ratio: 10.20 Passed ⁶
Hex(00A8D5)	Ratio: 1.36 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 7.31 Passed ⁶	Ratio: 7.52 Passed ⁶
Hex(008DB9)	Ratio: 1.86 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(00749E)	Ratio: 2.57 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.86 AA 18pt ²	Ratio: 3.97 AA 18pt ²
Hex(005B83)	Ratio: 3.63 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(00436A)	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(002D52)	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.68 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(00183A)	Ratio: 8.60 Passed ⁶	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.35 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(000224)	Ratio: 9.91 Passed ⁶	Ratio: 7.31 Passed ⁶	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 3.86 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(00000C)	Ratio: 10.20 Passed ⁶	Ratio: 7.52 Passed ⁶	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 3.97 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.19 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.