

Converting Colors - WCAG Matrix

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

	Hex(E0E4E8)	Hex(C4C8CC)	Hex(A9ADB0)	Hex(8E9296)	Hex(75797C)	Hex(5C6063)	Hex(45484B)	Hex(2E3234)	Hex(1A1D1F)	Hex(000307)
Hex(E0E4E8)		Ratio: 1.32 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 7.20 Passed ⁶	Ratio: 10.13 Passed ⁶	Ratio: 13.26 Passed ⁶	Ratio: 16.17 Passed ⁶
Hex(C4C8CC)	Ratio: 1.32 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 7.69 Passed ⁶	Ratio: 10.07 Passed ⁶	Ratio: 12.28 Passed ⁶
Hex(A9ADB0)	Ratio: 1.77 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 7.50 Passed ⁶	Ratio: 9.15 Passed ⁶
Hex(8E9296)	Ratio: 2.45 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 6.60 AA ¹ AAA 18pt ⁴
Hex(75797C)	Ratio: 3.44 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴
Hex(5C6063)	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 3.77 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(45484B)	Ratio: 7.20 Passed ⁶	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(2E3234)	Ratio: 10.13 Passed ⁶	Ratio: 7.69 Passed ⁶	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 4.13 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(1A1D1F)	Ratio: 13.26 Passed ⁶	Ratio: 10.07 Passed ⁶	Ratio: 7.50 Passed ⁶	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 3.86 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(000307)	Ratio: 16.17 Passed ⁶	Ratio: 12.28 Passed ⁶	Ratio: 9.15 Passed ⁶	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 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.