

Converting Colors - WCAG Matrix

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

	Hex(2E3433)	Hex(FFFFFF)	Hex(5C6262)	Hex(747B7A)	Hex(8E9594)	Hex(A8AFAF)	Hex(C4BCBA)	Hex(E0E7E6)	Hex(FCFFFF)
Hex(2E3433)		Ratio: 12.69 Passed ⁶	Ratio: 2.04 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 7.70 Passed ⁶	Ratio: 10.12 Passed ⁶	Ratio: 12.62 Passed ⁶
Hex(FFFFFF)	Ratio: 12.69 Passed ⁶		Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 4.32 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(5C6262)	Ratio: 2.04 Failed ⁵	Ratio: 6.22 AA ¹ AAA 18pt ⁴		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 6.18 AA ¹ AAA 18pt ⁴
Hex(747B7A)	Ratio: 2.93 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 4.30 AA 18pt ²
Hex(8E9594)	Ratio: 4.15 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(A8AFAF)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 2.23 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(C4BCBA)	Ratio: 7.70 Passed ⁶	Ratio: 1.65 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(E0E7E6)	Ratio: 10.12 Passed ⁶	Ratio: 1.25 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.25 Failed ⁵
Hex(FCFFFF)	Ratio: 12.62 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 4.30 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 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.