

Converting Colors - WCAG Matrix

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

	Hex(1D1B1E)	Hex(FFFFFF)	Hex(48474A)	Hex(605E62)	Hex(78777A)	Hex(929094)	Hex(ADABAF)	Hex(C8C6CA)	Hex(E4E2E6)
Hex(1D1B1E)		Ratio: 17.10 Passed ⁶	Ratio: 1.85 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 7.51 Passed ⁶	Ratio: 10.09 Passed ⁶	Ratio: 13.29 Passed ⁶
Hex(FFFFFF)	Ratio: 17.10 Passed ⁶		Ratio: 9.23 Passed ⁶	Ratio: 6.41 AA ¹ AAA 18pt ⁴	Ratio: 4.45 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(48474A)	Ratio: 1.85 Failed ⁵	Ratio: 9.23 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 7.17 Passed ⁶
Hex(605E62)	Ratio: 2.67 Failed ⁵	Ratio: 6.41 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴
Hex(78777A)	Ratio: 3.84 AA 18pt ²	Ratio: 4.45 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(929094)	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 3.16 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(ADABAF)	Ratio: 7.51 Passed ⁶	Ratio: 2.28 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(C8C6CA)	Ratio: 10.09 Passed ⁶	Ratio: 1.70 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 3.78 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵
Hex(E4E2E6)	Ratio: 13.29 Passed ⁶	Ratio: 1.29 Failed ⁵	Ratio: 7.17 Passed ⁶	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 3.46 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 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.