

Converting Colors - WCAG Matrix

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

	Hex(C0ADB4)	Hex(A59299)	Hex(8A797F)	Hex(716066)	Hex(58484E)	Hex(413238)	Hex(2B1D22)	Hex(17030C)	Hex(000000)
Hex(C0ADB4)		Ratio: 1.38 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 7.59 Passed ⁶	Ratio: 9.36 Passed ⁶	Ratio: 9.88 Passed ⁶
Hex(A59299)	Ratio: 1.38 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 7.17 Passed ⁶
Hex(8A797F)	Ratio: 1.93 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(716066)	Ratio: 2.77 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 3.57 AA 18pt ²
Hex(58484E)	Ratio: 4.03 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(413238)	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 4.13 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(2B1D22)	Ratio: 7.59 Passed ⁶	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 3.94 AA 18pt ²	Ratio: 2.74 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(17030C)	Ratio: 9.36 Passed ⁶	Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 9.88 Passed ⁶	Ratio: 7.17 Passed ⁶	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.57 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.05 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.