

Converting Colors - WCAG Matrix

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

Hex(A69096) Hex(8C777C) Hex(725E63) Hex(59464B) Hex(423035) Hex(2B1B20) Hex(180008) Hex(140000)

	Hex(A69096)	Hex(8C777C)	Hex(725E63)	Hex(59464B)	Hex(423035)	Hex(2B1B20)	Hex(180008)	Hex(140000)
Hex(A69096)		Ratio: 1.40 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 6.85 AA ¹ AAA 18pt ⁴
Hex(8C777C)	Ratio: 1.40 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(725E63)	Ratio: 2.02 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.40 AA 18pt ²
Hex(59464B)	Ratio: 2.94 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.33 Failed ⁵
Hex(423035)	Ratio: 4.13 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(2B1B20)	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 3.94 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(180008)	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 3.35 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(140000)	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 3.40 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.01 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.