

Converting Colors - WCAG Matrix

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

	Hex(C67777)	Hex(A95E5E)	Hex(8D4547)	Hex(722D30)	Hex(57151C)	Hex(3E0001)	Hex(260001)	Hex(000000)
Hex(C67777)		Ratio: 1.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.12 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 6.31 AA ¹ AAA 18pt ⁴
Hex(A95E5E)	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 4.45 AA 18pt ²
Hex(8D4547)	Ratio: 2.05 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(722D30)	Ratio: 2.96 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(57151C)	Ratio: 4.12 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(3E0001)	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(260001)	Ratio: 5.82 AA ¹ AAA 18pt ⁴	Ratio: 4.11 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 6.31 AA ¹ AAA 18pt ⁴	Ratio: 4.45 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.08 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.

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