

Converting Colors - WCAG Matrix

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

	Hex(9A6A5E)	Hex(7F5246)	Hex(653A30)	Hex(4C241B)	Hex(340F00)	Hex(1D0001)	Hex(000000)
Hex(9A6A5E)		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(7F5246)	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.20 AA 18pt ²
Hex(653A30)	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(4C241B)	Ratio: 2.92 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(340F00)	Ratio: 3.79 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(1D0001)	Ratio: 4.37 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 3.20 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.21 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.

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