

Converting Colors - WCAG Matrix

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

Hex(7F795B) Hex(A69C6D) Hex(747F5B) Hex(403F39) Hex(806A00) Hex(000000)

	Hex(7F795B)	Hex(A69C6D)	Hex(747F5B)	Hex(403F39)	Hex(806A00)	Hex(000000)
Hex(7F795B)		Ratio: 1.59 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(A69C6D)	Ratio: 1.59 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 7.60 Passed ⁶
Hex(747F5B)	Ratio: 1.03 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(403F39)	Ratio: 2.41 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.48 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(806A00)	Ratio: 1.20 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 3.98 AA 18pt ²
Hex(000000)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 7.60 Passed ⁶	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 3.98 AA 18pt ²	

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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