

Converting Colors - WCAG Matrix

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

Hex(807570) Hex(A6958D) Hex(807D70) Hex(403B39) Hex(7F2800) Hex(000000)

	Hex(807570)	Hex(A6958D)	Hex(807D70)	Hex(403B39)	Hex(7F2800)	Hex(000000)
Hex(807570)		Ratio: 1.56 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(A6958D)	Ratio: 1.56 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 7.30 Passed ⁶
Hex(807D70)	Ratio: 1.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.67 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(403B39)	Ratio: 2.47 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 2.67 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(7F2800)	Ratio: 2.13 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(000000)	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 7.30 Passed ⁶	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 1.90 Failed ⁵	Ratio: 2.21 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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