

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(806460) Hex(A67B74) Hex(807460) Hex(403A39) Hex(801300) Hex(000000)

Hex(806460)		Ratio: 1.46 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(A67B74)	Ratio: 1.46 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴
Hex(807460)	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(403A39)	Ratio: 2.08 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(801300)	Ratio: 1.94 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.01 Failed ⁵
Hex(000000)	Ratio: 3.91 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 1.88 Failed ⁵	Ratio: 2.01 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.

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