

Converting Colors - WCAG Matrix

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

Hex(817E74) Hex(A8A494) Hex(7E8174) Hex(403E39) Hex(806200) Hex(000000)

	Hex(817E74)	Hex(A8A494)	Hex(7E8174)	Hex(403E39)	Hex(806200)	Hex(000000)
Hex(817E74)		Ratio: 1.63 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴
Hex(A8A494)	Ratio: 1.63 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 8.40 Passed ⁶
Hex(7E8174)	Ratio: 1.02 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴
Hex(403E39)	Ratio: 2.63 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 2.69 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(806200)	Ratio: 1.41 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 3.67 AA 18pt ²
Hex(000000)	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 8.40 Passed ⁶	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 3.67 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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