

Converting Colors - WCAG Matrix

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

Hex(907C75) Hex(BA9A8F) Hex(908975) Hex(474240) Hex(872300) Hex(080200)

	Hex(907C75)	Hex(BA9A8F)	Hex(908975)	Hex(474240)	Hex(872300)	Hex(080200)
Hex(907C75)		Ratio: 1.52 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴
Hex(BA9A8F)	Ratio: 1.52 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 7.96 Passed ⁶
Hex(908975)	Ratio: 1.13 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.84 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(474240)	Ratio: 2.51 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.84 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(872300)	Ratio: 2.35 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.23 Failed ⁵
Hex(080200)	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 7.96 Passed ⁶	Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 2.23 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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