

Converting Colors - WCAG Matrix

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

Hex(907072) Hex(BA888B) Hex(70907E) Hex(474041) Hex(870008) Hex(080000)

	Hex(907072)	Hex(BA888B)	Hex(70907E)	Hex(474041)	Hex(870008)	Hex(080000)
Hex(907072)		Ratio: 1.47 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(BA888B)	Ratio: 1.47 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 6.91 AA ¹ AAA 18pt ⁴
Hex(70907E)	Ratio: 1.26 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 5.92 AA ¹ AAA 18pt ⁴
Hex(474041)	Ratio: 2.28 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.88 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870008)	Ratio: 2.33 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.01 Failed ⁵
Hex(080000)	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 5.92 AA ¹ AAA 18pt ⁴	Ratio: 2.06 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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