

Converting Colors - WCAG Matrix

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

Hex(8F7C8A) Hex(BA9CB2) Hex(7C8F8A) Hex(474046) Hex(870064) Hex(080006)

	Hex(8F7C8A)	Hex(BA9CB2)	Hex(7C8F8A)	Hex(474046)	Hex(870064)	Hex(080006)
Hex(8F7C8A)		Ratio: 1.57 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(BA9CB2)	Ratio: 1.57 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 8.38 Passed ⁶
Hex(7C8F8A)	Ratio: 1.14 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.94 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(474046)	Ratio: 2.59 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 2.94 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(870064)	Ratio: 2.45 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.19 Failed ⁵
Hex(080006)	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 8.38 Passed ⁶	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 2.19 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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