

Converting Colors - WCAG Matrix

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

Hex(827881) Hex(A897A7) Hex(827E78) Hex(423C42) Hex(820077) Hex(030002)

	Hex(827881)	Hex(A897A7)	Hex(827E78)	Hex(423C42)	Hex(820077)	Hex(030002)
Hex(827881)		Ratio: 1.54 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(A897A7)	Ratio: 1.54 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 7.61 Passed ⁶
Hex(827E78)	Ratio: 1.05 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴
Hex(423C42)	Ratio: 2.53 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.66 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(820077)	Ratio: 2.24 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(030002)	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 7.61 Passed ⁶	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.95 Failed ⁵	Ratio: 2.21 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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