

Converting Colors - WCAG Matrix

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

Hex(827B7B) Hex(A89E9E) Hex(827F7B) Hex(403B3B) Hex(800000) Hex(000000)

	Hex(827B7B)	Hex(A89E9E)	Hex(827F7B)	Hex(403B3B)	Hex(800000)	Hex(000000)
Hex(827B7B)		Ratio: 1.59 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴
Hex(A89E9E)	Ratio: 1.59 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 8.05 Passed ⁶
Hex(827F7B)	Ratio: 1.04 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.76 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴
Hex(403B3B)	Ratio: 2.66 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 2.76 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(800000)	Ratio: 2.64 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.92 Failed ⁵
Hex(000000)	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 8.05 Passed ⁶	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 1.91 Failed ⁵	Ratio: 1.92 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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