

Converting Colors - WCAG Matrix

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

Hex(8B7C79) Hex(B59D98) Hex(8B8579) Hex(453F3E) Hex(851600) Hex(050100)

	Hex(8B7C79)	Hex(B59D98)	Hex(8B8579)	Hex(453F3E)	Hex(851600)	Hex(050100)
Hex(8B7C79)		Ratio: 1.57 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(B59D98)	Ratio: 1.57 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 3.90 AA 18pt ²	Ratio: 8.15 Passed ⁶
Hex(8B8579)	Ratio: 1.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴
Hex(453F3E)	Ratio: 2.59 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 2.82 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(851600)	Ratio: 2.49 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.09 Failed ⁵
Hex(050100)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 8.15 Passed ⁶	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.09 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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