

Converting Colors - WCAG Matrix

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

Hex(918580) Hex(BDA8A0) Hex(918D80) Hex(4A4543) Hex(8A2700) Hex(0A0300)

	Hex(918580)	Hex(BDA8A0)	Hex(918D80)	Hex(4A4543)	Hex(8A2700)	Hex(0A0300)
Hex(918580)		Ratio: 1.58 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴
Hex(BDA8A0)	Ratio: 1.58 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 9.04 Passed ⁶
Hex(918D80)	Ratio: 1.08 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.85 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(4A4543)	Ratio: 2.64 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 2.85 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(8A2700)	Ratio: 2.48 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.31 Failed ⁵
Hex(0A0300)	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 9.04 Passed ⁶	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 2.17 Failed ⁵	Ratio: 2.31 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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