

Converting Colors - WCAG Matrix

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

Hex(899180) Hex(B0BDA2) Hex(819180) Hex(444740) Hex(488700) Hex(040800)

	Hex(899180)	Hex(B0BDA2)	Hex(819180)	Hex(444740)	Hex(488700)	Hex(040800)
Hex(899180)		Ratio: 1.66 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 6.18 AA ¹ AAA 18pt ⁴
Hex(B0BDA2)	Ratio: 1.66 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 2.25 Failed ⁵	Ratio: 10.24 Passed ⁶
Hex(819180)	Ratio: 1.02 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.83 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(444740)	Ratio: 2.89 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 2.83 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(488700)	Ratio: 1.36 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.56 AA ¹ AAA 18pt ⁴
Hex(040800)	Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 10.24 Passed ⁶	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 2.14 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	

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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