

Converting Colors - WCAG Matrix

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

Hex(81857A) Hex(A6AD9C) Hex(7B857A) Hex(40423C) Hex(4E8200) Hex(020300)

	Hex(81857A)	Hex(A6AD9C)	Hex(7B857A)	Hex(40423C)	Hex(4E8200)	Hex(020300)
Hex(81857A)		Ratio: 1.63 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 5.48 AA ¹ AAA 18pt ⁴
Hex(A6AD9C)	Ratio: 1.63 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 2.01 Failed ⁵	Ratio: 8.94 Passed ⁶
Hex(7B857A)	Ratio: 1.02 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(40423C)	Ratio: 2.70 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 2.66 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(4E8200)	Ratio: 1.23 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.19 Failed ⁵		Ratio: 4.45 AA 18pt ²
Hex(020300)	Ratio: 5.48 AA ¹ AAA 18pt ⁴	Ratio: 8.94 Passed ⁶	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 4.45 AA 18pt ²	

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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