

Converting Colors - WCAG Matrix

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

Hex(82481E) Hex(A84E0D) Hex(827A1E) Hex(423E3C) Hex(823600) Hex(030100)

	Hex(82481E)	Hex(A84E0D)	Hex(827A1E)	Hex(423E3C)	Hex(823600)	Hex(030100)
Hex(82481E)		Ratio: 1.30 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(A84E0D)	Ratio: 1.30 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(827A1E)	Ratio: 1.64 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴
Hex(423E3C)	Ratio: 1.46 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(823600)	Ratio: 1.17 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.46 Failed ⁵
Hex(030100)	Ratio: 2.87 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.97 Failed ⁵	Ratio: 2.46 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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