

Converting Colors - WCAG Matrix

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

Hex(7E444E) Hex(A3495A) Hex(7E5644) Hex(40393B) Hex(800017) Hex(000000)

	Hex(7E444E)	Hex(A3495A)	Hex(7E5644)	Hex(40393B)	Hex(800017)	Hex(000000)
Hex(7E444E)		Ratio: 1.30 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A3495A)	Ratio: 1.30 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(7E5644)	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(40393B)	Ratio: 1.51 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(800017)	Ratio: 1.46 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.93 Failed ⁵
Hex(000000)	Ratio: 2.82 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 1.93 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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