

Converting Colors - WCAG Matrix

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

Hex(805C68) Hex(A66D80) Hex(7A805C) Hex(40393C) Hex(80002A) Hex(000000)

	Hex(805C68)	Hex(A66D80)	Hex(7A805C)	Hex(40393C)	Hex(80002A)	Hex(000000)
Hex(805C68)		Ratio: 1.40 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(A66D80)	Ratio: 1.40 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(7A805C)	Ratio: 1.39 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.71 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴
Hex(40393C)	Ratio: 1.95 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.71 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(80002A)	Ratio: 1.87 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.95 Failed ⁵
Hex(000000)	Ratio: 3.65 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.87 Failed ⁵	Ratio: 1.95 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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