

Converting Colors - WCAG Matrix

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

Hex(805862) Hex(A66777) Hex(806158) Hex(40393B) Hex(800021) Hex(000000)

	Hex(805862)	Hex(A66777)	Hex(806158)	Hex(40393B)	Hex(800021)	Hex(000000)
Hex(805862)		Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 3.49 AA 18pt ²
Hex(A66777)	Ratio: 1.38 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(806158)	Ratio: 1.08 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(40393B)	Ratio: 1.87 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(800021)	Ratio: 1.80 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.94 Failed ⁵
Hex(000000)	Ratio: 3.49 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.77 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 1.94 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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