

Converting Colors - WCAG Matrix

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

Hex(803B39) Hex(A63A38) Hex(805E39) Hex(403939) Hex(800200) Hex(000000)

	Hex(803B39)	Hex(A63A38)	Hex(805E39)	Hex(403939)	Hex(800200)	Hex(000000)
Hex(803B39)		Ratio: 1.26 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(A63A38)	Ratio: 1.26 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(805E39)	Ratio: 1.37 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(403939)	Ratio: 1.40 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(800200)	Ratio: 1.35 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.93 Failed ⁵
Hex(000000)	Ratio: 2.60 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 1.86 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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