

Converting Colors - WCAG Matrix

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

Hex(802B19) Hex(A62105) Hex(805E19) Hex(403A39) Hex(801600) Hex(000000)

	Hex(802B19)	Hex(A62105)	Hex(805E19)	Hex(403A39)	Hex(801600)	Hex(000000)
Hex(802B19)		Ratio: 1.25 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(A62105)	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(805E19)	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(403A39)	Ratio: 1.21 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(801600)	Ratio: 1.12 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.03 Failed ⁵
Hex(000000)	Ratio: 2.28 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.03 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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