

Converting Colors - WCAG Matrix

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

Hex(8F3C11) Hex(BA4000) Hex(8F7A11) Hex(474340) Hex(872E00) Hex(080300)

	Hex(8F3C11)	Hex(BA4000)	Hex(8F7A11)	Hex(474340)	Hex(872E00)	Hex(080300)
Hex(8F3C11)		Ratio: 1.35 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(BA4000)	Ratio: 1.35 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(8F7A11)	Ratio: 1.76 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(474340)	Ratio: 1.32 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(872E00)	Ratio: 1.17 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.37 Failed ⁵
Hex(080300)	Ratio: 2.76 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 2.10 Failed ⁵	Ratio: 2.37 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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