

Converting Colors - WCAG Matrix

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

Hex(946E1E) Hex(BF8508) Hex(7E941E) Hex(4A4843) Hex(8A5E00) Hex(0A0700)

	Hex(946E1E)	Hex(BF8508)	Hex(7E941E)	Hex(4A4843)	Hex(8A5E00)	Hex(0A0700)
Hex(946E1E)		Ratio: 1.46 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 4.32 AA 18pt ²
Hex(BF8508)	Ratio: 1.46 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(7E941E)	Ratio: 1.36 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.67 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 5.89 AA ¹ AAA 18pt ⁴
Hex(4A4843)	Ratio: 1.96 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.67 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(8A5E00)	Ratio: 1.22 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 3.53 AA 18pt ²
Hex(0A0700)	Ratio: 4.32 AA 18pt ²	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 2.20 Failed ⁵	Ratio: 3.53 AA 18pt ²	

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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