

Converting Colors - WCAG Matrix

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

Hex(94543E) Hex(BF5D39) Hex(947E3E) Hex(4A4543) Hex(8A2400) Hex(0A0300)

	Hex(94543E)	Hex(BF5D39)	Hex(947E3E)	Hex(4A4543)	Hex(8A2400)	Hex(0A0300)
Hex(94543E)		Ratio: 1.35 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(BF5D39)	Ratio: 1.35 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(947E3E)	Ratio: 1.48 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴
Hex(4A4543)	Ratio: 1.62 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(8A2400)	Ratio: 1.54 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.27 Failed ⁵
Hex(0A0300)	Ratio: 3.51 AA 18pt ²	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 2.17 Failed ⁵	Ratio: 2.27 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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