

Converting Colors - WCAG Matrix

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

Hex(930E0E) Hex(BF0000) Hex(93510E) Hex(4A4343) Hex(8A0000) Hex(0A0000)

	Hex(930E0E)	Hex(BF0000)	Hex(93510E)	Hex(4A4343)	Hex(8A0000)	Hex(0A0000)
Hex(930E0E)		Ratio: 1.39 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(BF0000)	Ratio: 1.39 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(93510E)	Ratio: 1.48 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(4A4343)	Ratio: 1.06 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(8A0000)	Ratio: 1.11 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.05 Failed ⁵
Hex(0A0000)	Ratio: 2.28 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 2.05 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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