

Converting Colors - WCAG Matrix

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

Hex(120D0B) Hex(170F0C) Hex(12100B) Hex(0A0909) Hex(4A1500) Hex(C93A00)

	Hex(120D0B)	Hex(170F0C)	Hex(12100B)	Hex(0A0909)	Hex(4A1500)	Hex(C93A00)
Hex(120D0B)		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(170F0C)	Ratio: 1.02 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(12100B)	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(0A0909)	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(4A1500)	Ratio: 1.29 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(C93A00)	Ratio: 3.76 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 2.92 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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