

Converting Colors - WCAG Matrix

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

Hex(1A0D06) Hex(210D03) Hex(1A1706) Hex(0D0C0B) Hex(4D1B00) Hex(CC4700)

	Hex(1A0D06)	Hex(210D03)	Hex(1A1706)	Hex(0D0C0B)	Hex(4D1B00)	Hex(CC4700)
Hex(1A0D06)		Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(210D03)	Ratio: 1.02 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.98 AA 18pt ²
Hex(1A1706)	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(0D0C0B)	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(4D1B00)	Ratio: 1.33 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(CC4700)	Ratio: 4.05 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 4.16 AA 18pt ²	Ratio: 3.04 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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