

Converting Colors - WCAG Matrix

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

Hex(211414) Hex(2B1717) Hex(211B14) Hex(0F0E0E) Hex(4F0000) Hex(CF0000)

	Hex(211414)	Hex(2B1717)	Hex(211B14)	Hex(0F0E0E)	Hex(4F0000)	Hex(CF0000)
Hex(211414)		Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(2B1717)	Ratio: 1.05 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(211B14)	Ratio: 1.05 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(0F0E0E)	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(4F0000)	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(CF0000)	Ratio: 3.11 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.74 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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