

Converting Colors - WCAG Matrix

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

Hex(1E0D01) Hex(261000) Hex(1E1B01) Hex(0F0E0E) Hex(4F2100) Hex(CF5500)

	Hex(1E0D01)	Hex(261000)	Hex(1E1B01)	Hex(0F0E0E)	Hex(4F2100)	Hex(CF5500)
Hex(1E0D01)		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.45 AA 18pt ²
Hex(261000)	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 4.28 AA 18pt ²
Hex(1E1B01)	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 4.08 AA 18pt ²
Hex(0F0E0E)	Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(4F2100)	Ratio: 1.39 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 3.20 AA 18pt ²
Hex(CF5500)	Ratio: 4.45 AA 18pt ²	Ratio: 4.28 AA 18pt ²	Ratio: 4.08 AA 18pt ²	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 3.20 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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