

Converting Colors - WCAG Matrix

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

Hex(211719) Hex(2B1B1E) Hex(211A17) Hex(121010) Hex(520010) Hex(D10028)

	Hex(211719)	Hex(2B1B1E)	Hex(211A17)	Hex(121010)	Hex(520010)	Hex(D10028)
Hex(211719)		Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(2B1B1E)	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.93 Failed ⁵
Hex(211A17)	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(121010)	Ratio: 1.08 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.38 AA 18pt ²
Hex(520010)	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(D10028)	Ratio: 3.12 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.38 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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