

Converting Colors - WCAG Matrix

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

Hex(220F1C) Hex(2B0E22) Hex(220F13) Hex(121011) Hex(520038) Hex(D1008F)

	Hex(220F1C)	Hex(2B0E22)	Hex(220F13)	Hex(121011)	Hex(520038)	Hex(D1008F)
Hex(220F1C)		Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(2B0E22)	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(220F13)	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.58 AA 18pt ²
Hex(121011)	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(520038)	Ratio: 1.23 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(D1008F)	Ratio: 3.56 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 2.90 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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