

Converting Colors - WCAG Matrix

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

Hex(2B0C12) Hex(380711) Hex(222B0C) Hex(141213) Hex(540010) Hex(D40029)

	Hex(2B0C12)	Hex(380711)	Hex(222B0C)	Hex(141213)	Hex(540010)	Hex(D40029)
Hex(2B0C12)		Ratio: 1.04 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(380711)	Ratio: 1.04 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(222B0C)	Ratio: 1.22 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(141213)	Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(540010)	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(D40029)	Ratio: 3.29 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.77 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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