

Converting Colors - WCAG Matrix

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

Hex(231B1F) Hex(2E2228) Hex(231B1B) Hex(121011) Hex(520029) Hex(D10069)

	Hex(231B1F)	Hex(2E2228)	Hex(231B1B)	Hex(121011)	Hex(520029)	Hex(D10069)
Hex(231B1F)		Ratio: 1.10 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(2E2228)	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(231B1B)	Ratio: 1.00 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(121011)	Ratio: 1.13 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.53 AA 18pt ²
Hex(520029)	Ratio: 1.11 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(D10069)	Ratio: 3.14 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 2.81 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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