

Converting Colors - WCAG Matrix

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

Hex(231020) Hex(2E1029) Hex(231C10) Hex(121012) Hex(520045) Hex(D100B0)

	Hex(231020)	Hex(2E1029)	Hex(231C10)	Hex(121012)	Hex(520045)	Hex(D100B0)
Hex(231020)		Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(2E1029)	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(231C10)	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(121012)	Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(520045)	Ratio: 1.24 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.00 AA 18pt ²
Hex(D100B0)	Ratio: 3.72 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 3.00 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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