

Converting Colors - WCAG Matrix

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

Hex(271325) Hex(331330) Hex(1B2713) Hex(141214) Hex(54004C) Hex(D400BE)

	Hex(271325)	Hex(331330)	Hex(1B2713)	Hex(141214)	Hex(54004C)	Hex(D400BE)
Hex(271325)		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(331330)	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(1B2713)	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(141214)	Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 4.03 AA 18pt ²
Hex(54004C)	Ratio: 1.23 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 3.07 AA 18pt ²
Hex(D400BE)	Ratio: 3.77 AA 18pt ²	Ratio: 3.56 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 4.03 AA 18pt ²	Ratio: 3.07 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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