

Converting Colors - WCAG Matrix

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

Hex(2B0D2B) Hex(380938) Hex(2B1C0D) Hex(141214) Hex(540054) Hex(D400D4)

	Hex(2B0D2B)	Hex(380938)	Hex(2B1C0D)	Hex(141214)	Hex(540054)	Hex(D400D4)
Hex(2B0D2B)		Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.97 AA 18pt ²
Hex(380938)	Ratio: 1.06 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(2B1C0D)	Ratio: 1.07 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(141214)	Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.22 AA 18pt ²
Hex(540054)	Ratio: 1.26 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 3.16 AA 18pt ²
Hex(D400D4)	Ratio: 3.97 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 4.22 AA 18pt ²	Ratio: 3.16 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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