

Converting Colors - WCAG Matrix

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

Hex(2B2825) Hex(38332F) Hex(2B2B25) Hex(141312) Hex(542A00) Hex(D46A00)

	Hex(2B2825)	Hex(38332F)	Hex(2B2B25)	Hex(141312)	Hex(542A00)	Hex(D46A00)
Hex(2B2825)		Ratio: 1.17 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.09 AA 18pt ²
Hex(38332F)	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(2B2B25)	Ratio: 1.03 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.97 AA 18pt ²
Hex(141312)	Ratio: 1.27 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴
Hex(542A00)	Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 3.43 AA 18pt ²
Hex(D46A00)	Ratio: 4.09 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 3.43 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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