

Converting Colors - WCAG Matrix

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

Hex(2C2A21) Hex(383528) Hex(282C21) Hex(171715) Hex(574700) Hex(D6AF00)

	Hex(2C2A21)	Hex(383528)	Hex(282C21)	Hex(171715)	Hex(574700)	Hex(D6AF00)
Hex(2C2A21)		Ratio: 1.17 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 6.84 AA ¹ AAA 18pt ⁴
Hex(383528)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 5.85 AA ¹ AAA 18pt ⁴
Hex(282C21)	Ratio: 1.01 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴
Hex(171715)	Ratio: 1.25 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 8.54 Passed ⁶
Hex(574700)	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 4.33 AA 18pt ²
Hex(D6AF00)	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 8.54 Passed ⁶	Ratio: 4.33 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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