

Converting Colors - WCAG Matrix

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

Hex(2B2716) Hex(383216) Hex(242B16) Hex(171715) Hex(574700) Hex(D6B000)

	Hex(2B2716)	Hex(383216)	Hex(242B16)	Hex(171715)	Hex(574700)	Hex(D6B000)
Hex(2B2716)		Ratio: 1.16 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 7.17 Passed ⁶
Hex(383216)	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(242B16)	Ratio: 1.02 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 7.03 Passed ⁶
Hex(171715)	Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 8.61 Passed ⁶
Hex(574700)	Ratio: 1.64 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 4.37 AA 18pt ²
Hex(D6B000)	Ratio: 7.17 Passed ⁶	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 7.03 Passed ⁶	Ratio: 8.61 Passed ⁶	Ratio: 4.37 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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