

Converting Colors - WCAG Matrix

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

Hex(646854) Hex(818768) Hex(5A6854) Hex(32332E) Hex(5C7300) Hex(C2F200)

	Hex(646854)	Hex(818768)	Hex(5A6854)	Hex(32332E)	Hex(5C7300)	Hex(C2F200)
Hex(646854)		Ratio: 1.53 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.38 AA 18pt ²
Hex(818768)	Ratio: 1.53 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(5A6854)	Ratio: 1.03 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(32332E)	Ratio: 2.21 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.15 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 9.70 Passed ⁶
Hex(5C7300)	Ratio: 1.07 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.37 Failed ⁵		Ratio: 4.09 AA 18pt ²
Hex(C2F200)	Ratio: 4.38 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 9.70 Passed ⁶	Ratio: 4.09 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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