

Converting Colors - WCAG Matrix

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

Hex(5C6142) Hex(757D4D) Hex(4D6142) Hex(30302B) Hex(5C7000) Hex(C7F000)

	Hex(5C6142)	Hex(757D4D)	Hex(4D6142)	Hex(30302B)	Hex(5C7000)	Hex(C7F000)
Hex(5C6142)		Ratio: 1.48 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴
Hex(757D4D)	Ratio: 1.48 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(4D6142)	Ratio: 1.04 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(30302B)	Ratio: 2.05 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.96 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 10.04 Passed ⁶
Hex(5C7000)	Ratio: 1.16 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 4.21 AA 18pt ²
Hex(C7F000)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 10.04 Passed ⁶	Ratio: 4.21 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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