

Converting Colors - WCAG Matrix

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

Hex(C4715C) Hex(FFDED6) Hex(C45CAF) Hex(806C67) Hex(000000) Hex(808080)

	Hex(C4715C)	Hex(FFDED6)	Hex(C45CAF)	Hex(806C67)	Hex(000000)	Hex(808080)
Hex(C4715C)		Ratio: 2.84 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(FFDED6)	Ratio: 2.84 Failed ⁵		Ratio: 3.03 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 16.67 Passed ⁶	Ratio: 3.14 AA 18pt ²
Hex(C45CAF)	Ratio: 1.07 Failed ⁵	Ratio: 3.03 AA 18pt ²		Ratio: 1.29 Failed ⁵	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(806C67)	Ratio: 1.38 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 1.29 Failed ⁵		Ratio: 4.26 AA 18pt ²	Ratio: 1.25 Failed ⁵
Hex(000000)	Ratio: 5.86 AA ¹ AAA 18pt ⁴	Ratio: 16.67 Passed ⁶	Ratio: 5.50 AA ¹ AAA 18pt ⁴	Ratio: 4.26 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.10 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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