

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C8843E) Hex(FFE5C9) Hex(C83E83) Hex(807060) Hex(000000) Hex(808080)

Hex(C8843E)		Ratio: 2.53 Failed⁵	Ratio: 1.53 Failed⁵	Ratio: 1.55 Failed⁵	Ratio: 6.83 AA¹ AAA 18pt⁴	Ratio: 1.28 Failed⁵
Hex(FFE5C9)	Ratio: 2.53 Failed⁵		Ratio: 3.87 AA 18pt²	Ratio: 3.93 AA 18pt²	Ratio: 17.30 Passed⁶	Ratio: 3.25 AA 18pt²
Hex(C83E83)	Ratio: 1.53 Failed⁵	Ratio: 3.87 AA 18pt²		Ratio: 1.02 Failed⁵	Ratio: 4.47 AA 18pt²	Ratio: 1.19 Failed⁵
Hex(807060)	Ratio: 1.55 Failed⁵	Ratio: 3.93 AA 18pt²	Ratio: 1.02 Failed⁵		Ratio: 4.40 AA 18pt²	Ratio: 1.21 Failed⁵
Hex(000000)	Ratio: 6.83 AA¹ AAA 18pt⁴	Ratio: 17.30 Passed⁶	Ratio: 4.47 AA 18pt²	Ratio: 4.40 AA 18pt²		Ratio: 5.32 AA¹ AAA 18pt⁴
Hex(808080)	Ratio: 1.28 Failed⁵	Ratio: 3.25 AA 18pt²	Ratio: 1.19 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 5.32 AA¹ AAA 18pt⁴	

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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