

Converting Colors - WCAG Matrix

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

Hex(CE7433) Hex(FFDDC4) Hex(CE338D) Hex(806B5C) Hex(000000) Hex(808080)

	Hex(CE7433)	Hex(FFDDC4)	Hex(CE338D)	Hex(806B5C)	Hex(000000)	Hex(808080)
Hex(CE7433)		Ratio: 2.66 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(FFDDC4)	Ratio: 2.66 Failed ⁵		Ratio: 3.66 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 16.39 Passed ⁶	Ratio: 3.08 AA 18pt ²
Hex(CE338D)	Ratio: 1.38 Failed ⁵	Ratio: 3.66 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(806B5C)	Ratio: 1.48 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 4.18 AA 18pt ²	Ratio: 1.27 Failed ⁵
Hex(000000)	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 16.39 Passed ⁶	Ratio: 4.48 AA 18pt ²	Ratio: 4.18 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.16 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.27 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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