

Converting Colors - WCAG Matrix

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

Hex(F13200) Hex(FFC2B3) Hex(F100C1) Hex(805B52) Hex(000000) Hex(808080)

	Hex(F13200)	Hex(FFC2B3)	Hex(F100C1)	Hex(805B52)	Hex(000000)	Hex(808080)
Hex(F13200)		Ratio: 2.62 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(FFC2B3)	Ratio: 2.62 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 13.62 Passed ⁶	Ratio: 2.56 Failed ⁵
Hex(F100C1)	Ratio: 1.06 Failed ⁵	Ratio: 2.47 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(805B52)	Ratio: 1.47 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.56 Failed ⁵		Ratio: 3.54 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(000000)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 13.62 Passed ⁶	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.02 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.50 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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