

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F7DF3A) Hex(FFF8C4) Hex(F73A53) Hex(807B5C) Hex(000000) Hex(808080)

Hex(F7DF3A)		Ratio: 1.25 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 15.57 Passed ⁶	Ratio: 2.93 Failed ⁵
Hex(FFF8C4)	Ratio: 1.25 Failed ⁵		Ratio: 3.43 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 19.48 Passed ⁶	Ratio: 3.66 AA 18pt ²
Hex(F73A53)	Ratio: 2.74 Failed ⁵	Ratio: 3.43 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(807B5C)	Ratio: 3.17 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 15.57 Passed ⁶	Ratio: 19.48 Passed ⁶	Ratio: 5.68 AA ¹ AAA 18pt ⁴	Ratio: 4.91 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.93 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 1.08 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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