

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F5FA9E) Hex(FCFFE3) Hex(FAA39E) Hex(808070) Hex(000000) Hex(808080)

Hex(F5FA9E)		Ratio: 1.08 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 19.05 Passed ⁶	Ratio: 3.58 AA 18pt ²
Hex(FCFFE3)	Ratio: 1.08 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 20.55 Passed ⁶	Ratio: 3.87 AA 18pt ²
Hex(FAA39E)	Ratio: 1.76 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 10.80 Passed ⁶	Ratio: 2.03 Failed ⁵
Hex(808070)	Ratio: 3.64 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 2.06 Failed ⁵		Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 19.05 Passed ⁶	Ratio: 20.55 Passed ⁶	Ratio: 10.80 Passed ⁶	Ratio: 5.24 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.58 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 1.01 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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