

Converting Colors - WCAG Matrix

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

Hex(FFFF5C) Hex(FFFFCF) Hex(FF5C5C) Hex(808061) Hex(000000) Hex(808080)

	Hex(FFFF5C)	Hex(FFFFCF)	Hex(FF5C5C)	Hex(808061)	Hex(000000)	Hex(808080)
Hex(FFFF5C)		Ratio: 1.04 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 19.71 Passed ⁶	Ratio: 3.71 AA 18pt ²
Hex(FFFFCF)	Ratio: 1.04 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.46 Passed ⁶	Ratio: 3.85 AA 18pt ²
Hex(FF5C5C)	Ratio: 2.84 Failed ⁵	Ratio: 2.95 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(808061)	Ratio: 3.81 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 1.34 Failed ⁵		Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 19.71 Passed ⁶	Ratio: 20.46 Passed ⁶	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 5.18 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.71 AA 18pt ²	Ratio: 3.85 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 1.03 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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