

Converting Colors - WCAG Matrix

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

Hex(FFFF4D) Hex(FFFFC9) Hex(FF4D4F) Hex(807F60) Hex(000000) Hex(808080)

	Hex(FFFF4D)	Hex(FFFFC9)	Hex(FF4D4F)	Hex(807F60)	Hex(000000)	Hex(808080)
Hex(FFFF4D)		Ratio: 1.04 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 19.66 Passed ⁶	Ratio: 3.70 AA 18pt ²
Hex(FFFFC9)	Ratio: 1.04 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 20.40 Passed ⁶	Ratio: 3.84 AA 18pt ²
Hex(FF4D4F)	Ratio: 3.06 AA 18pt ²	Ratio: 3.17 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(807F60)	Ratio: 3.84 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 19.66 Passed ⁶	Ratio: 20.40 Passed ⁶	Ratio: 6.43 AA ¹ AAA 18pt ⁴	Ratio: 5.12 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.70 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 1.04 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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