

Converting Colors - WCAG Matrix

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

Hex(FFEF08) Hex(FFFAB5) Hex(FF0818) Hex(807D53) Hex(000000) Hex(808080)

	Hex(FFEF08)	Hex(FFFAB5)	Hex(FF0818)	Hex(807D53)	Hex(000000)	Hex(808080)
Hex(FFEF08)		Ratio: 1.11 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 3.54 AA 18pt ²	Ratio: 17.60 Passed ⁶	Ratio: 3.31 AA 18pt ²
Hex(FFFAB5)	Ratio: 1.11 Failed ⁵		Ratio: 3.70 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 19.59 Passed ⁶	Ratio: 3.68 AA 18pt ²
Hex(FF0818)	Ratio: 3.32 AA 18pt ²	Ratio: 3.70 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(807D53)	Ratio: 3.54 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 17.60 Passed ⁶	Ratio: 19.59 Passed ⁶	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 4.98 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.31 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 1.07 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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