

Converting Colors - WCAG Matrix

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

Hex(FFE970) Hex(FFF8D4) Hex(FF7088) Hex(807C66) Hex(000000) Hex(808080)

	Hex(FFE970)	Hex(FFF8D4)	Hex(FF7088)	Hex(807C66)	Hex(000000)	Hex(808080)
Hex(FFE970)		Ratio: 1.15 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 17.14 Passed ⁶	Ratio: 3.22 AA 18pt ²
Hex(FFF8D4)	Ratio: 1.15 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 19.63 Passed ⁶	Ratio: 3.69 AA 18pt ²
Hex(FF7088)	Ratio: 2.16 Failed ⁵	Ratio: 2.48 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 7.93 Passed ⁶	Ratio: 1.49 Failed ⁵
Hex(807C66)	Ratio: 3.43 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 1.59 Failed ⁵		Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 17.14 Passed ⁶	Ratio: 19.63 Passed ⁶	Ratio: 7.93 Passed ⁶	Ratio: 4.99 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.22 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 1.06 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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