

Converting Colors - WCAG Matrix

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

Hex(FFFAA6) Hex(FFFEE6) Hex(FFA6AC) Hex(807F70) Hex(000000) Hex(808080)

	Hex(FFFAA6)	Hex(FFFEE6)	Hex(FFA6AC)	Hex(807F70)	Hex(000000)	Hex(808080)
Hex(FFFAA6)		Ratio: 1.06 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 19.48 Passed ⁶	Ratio: 3.66 AA 18pt ²
Hex(FFFEE6)	Ratio: 1.06 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 20.57 Passed ⁶	Ratio: 3.87 AA 18pt ²
Hex(FFA6AC)	Ratio: 1.72 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 11.30 Passed ⁶	Ratio: 2.13 Failed ⁵
Hex(807F70)	Ratio: 3.75 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 19.48 Passed ⁶	Ratio: 20.57 Passed ⁶	Ratio: 11.30 Passed ⁶	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.66 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.02 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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