

Converting Colors - WCAG Matrix

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

Hex(FEEAD9) Hex(FFFAF5) Hex(FED9ED) Hex(807C79) Hex(000000) Hex(808080)

	Hex(FEEAD9)	Hex(FFFAF5)	Hex(FED9ED)	Hex(807C79)	Hex(000000)	Hex(808080)
Hex(FEEAD9)		Ratio: 1.13 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 17.99 Passed ⁶	Ratio: 3.38 AA 18pt ²
Hex(FFFAF5)	Ratio: 1.13 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 20.24 Passed ⁶	Ratio: 3.81 AA 18pt ²
Hex(FED9ED)	Ratio: 1.10 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.22 AA 18pt ²	Ratio: 16.36 Passed ⁶	Ratio: 3.08 AA 18pt ²
Hex(807C79)	Ratio: 3.54 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 3.22 AA 18pt ²		Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 17.99 Passed ⁶	Ratio: 20.24 Passed ⁶	Ratio: 16.36 Passed ⁶	Ratio: 5.08 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.38 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 1.05 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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