

Converting Colors - WCAG Matrix

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

Hex(FFF9BF) Hex(FFFDEB) Hex(FFBFC5) Hex(807E73) Hex(FFFFFF) Hex(808080)

	Hex(FFF9BF)	Hex(FFFDEB)	Hex(FFBFC5)	Hex(807E73)	Hex(FFFFFF)	Hex(808080)
Hex(FFF9BF)		Ratio: 1.05 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(FFFDEB)	Ratio: 1.05 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 3.86 AA 18pt ²
Hex(FFBFC5)	Ratio: 1.45 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(807E73)	Ratio: 3.80 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 2.62 Failed ⁵		Ratio: 4.08 AA 18pt ²	Ratio: 1.03 Failed ⁵
Hex(FFFFFF)	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 4.08 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 3.68 AA 18pt ²	Ratio: 3.86 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.95 AA 18pt ²	

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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