

Converting Colors - WCAG Matrix

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

Hex(FFFF93) Hex(FFFFDE) Hex(FF9393) Hex(80806B) Hex(FFFFFF) Hex(808080)

	Hex(FFFF93)	Hex(FFFFDE)	Hex(FF9393)	Hex(80806B)	Hex(FFFFFF)	Hex(808080)
Hex(FFFF93)		Ratio: 1.03 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(FFFFDE)	Ratio: 1.03 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 3.88 AA 18pt ²
Hex(FF9393)	Ratio: 2.03 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(80806B)	Ratio: 3.83 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 1.89 Failed ⁵		Ratio: 4.02 AA 18pt ²	Ratio: 1.02 Failed ⁵
Hex(FFFFFF)	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 4.02 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 3.76 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 1.02 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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