

Converting Colors - WCAG Matrix

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

Hex(FFC296) Hex(FFD1B0) Hex(FFE0C9) Hex(FFEF3) Hex(FFFEFC) Hex(FFFFFF)

	Hex(FFC296)	Hex(FFD1B0)	Hex(FFE0C9)	Hex(FFEF3)	Hex(FFFEFC)	Hex(FFFFFF)
Hex(FFC296)		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(FFD1B0)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(FFE0C9)	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(FFEF3)	Ratio: 1.40 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(FFFEFC)	Ratio: 1.55 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 1.57 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	

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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