

Converting Colors - WCAG Matrix

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

Hex(DC9C5C) Hex(FFFFFF) Hex(FFD390) Hex(FFEFAB) Hex(FFFFC6) Hex(FFFFE3)

	Hex(DC9C5C)	Hex(FFFFFF)	Hex(FFD390)	Hex(FFEFAB)	Hex(FFFFC6)	Hex(FFFFE3)
Hex(DC9C5C)		Ratio: 2.35 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(FFFFFF)	Ratio: 2.35 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFD390)	Ratio: 1.67 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(FFEFAB)	Ratio: 2.03 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(FFFFC6)	Ratio: 2.28 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFE3)	Ratio: 2.31 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.14 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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