

Converting Colors - WCAG Matrix

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

Hex(D7C28E) Hex(FFFFFF) Hex(FFFA4) Hex(FFFE0) Hex(FFFFD)

Hex(D7C28E)		Ratio: 1.75 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(FFFFFF)	Ratio: 1.75 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFFA4)	Ratio: 1.64 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FFFE0)	Ratio: 1.72 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	
Hex(FFFFD)	Ratio: 1.75 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 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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