

Converting Colors - WCAG Matrix

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

	Hex(A15748)	Hex(FFFFFF)	Hex(DB8A79)	Hex(F8A593)	Hex(FFC0AD)	Hex(FFDCC9)	Hex(FFF9E5)
Hex(A15748)		Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.29 AA ¹ AAA 18pt ⁴		Ratio: 2.65 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(DB8A79)	Ratio: 1.99 Failed ⁵	Ratio: 2.65 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(F8A593)	Ratio: 2.72 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(FFC0AD)	Ratio: 3.37 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFDCC9)	Ratio: 4.11 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFF9E5)	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 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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