

Converting Colors - WCAG Matrix

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

	Hex(DB9466)	Hex(FAB080)	Hex(FFC999)	Hex(FFE6B5)	Hex(FFFFD1)	Hex(FFFFED)	Hex(FFFFFF)
Hex(DB9466)		Ratio: 1.37 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(FAB080)	Ratio: 1.37 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(FFC999)	Ratio: 1.67 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFE6B5)	Ratio: 2.04 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(FFFFD1)	Ratio: 2.43 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFED)	Ratio: 2.46 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 2.49 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.03 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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