

Converting Colors - WCAG Matrix

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

	Hex(BA544D)	Hex(D96E66)	Hex(F58A7D)	Hex(FFA396)	Hex(FFBFB3)	Hex(FFDBCF)	Hex(FFFAEB)	Hex(FFFFFF)
Hex(BA544D)		Ratio: 1.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 4.71 AA ¹ AAA 18pt ⁴
Hex(D96E66)	Ratio: 1.43 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.30 AA 18pt ²
Hex(F58A7D)	Ratio: 1.97 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(FFA396)	Ratio: 2.45 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(FFBFB3)	Ratio: 2.99 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(FFDBCF)	Ratio: 3.65 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(FFFAEB)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 3.16 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.04 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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