

Converting Colors - WCAG Matrix

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

Hex(B68685) Hex(D2A09F) Hex(EFBBBA) Hex(FFD7D6) Hex(FFF4F2) Hex(FFFFFF)

	Hex(B68685)	Hex(D2A09F)	Hex(EFBBBA)	Hex(FFD7D6)	Hex(FFF4F2)	Hex(FFFFFF)
Hex(B68685)		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(D2A09F)	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(EFBBBA)	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(FFD7D6)	Ratio: 2.37 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(FFF4F2)	Ratio: 2.89 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFFF)	Ratio: 3.12 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.08 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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