

Converting Colors - WCAG Matrix

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

Hex(9B6D6C) Hex(B68685) Hex(D2A19F) Hex(EFBCBA) Hex(FFD8D6) Hex(FFF4F2) Hex(FFFFFF)

	Hex(9B6D6C)	Hex(B68685)	Hex(D2A19F)	Hex(EFBCBA)	Hex(FFD8D6)	Hex(FFF4F2)	Hex(FFFFFF)
Hex(9B6D6C)		Ratio: 1.40 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 4.38 AA 18pt ²
Hex(B68685)	Ratio: 1.40 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(D2A19F)	Ratio: 1.95 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(EFBCBA)	Ratio: 2.62 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(FFD8D6)	Ratio: 3.34 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(FFF4F2)	Ratio: 4.06 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFFF)	Ratio: 4.38 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.31 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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