

Converting Colors - WCAG Matrix

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

Hex(9D7272) Hex(FFFFFF) Hex(D4A6A6) Hex(F1C1C1) Hex(FFDDDD) Hex(FFF9FA)

	Hex(9D7272)	Hex(FFFFFF)	Hex(D4A6A6)	Hex(F1C1C1)	Hex(FFDDDD)	Hex(FFF9FA)
Hex(9D7272)		Ratio: 4.13 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 3.97 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.13 AA 18pt ²		Ratio: 2.14 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(D4A6A6)	Ratio: 1.93 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(F1C1C1)	Ratio: 2.58 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(FFDDDD)	Ratio: 3.27 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFF9FA)	Ratio: 3.97 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.21 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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