

Converting Colors - WCAG Matrix

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

Hex(A17087) Hex(FFFFFF) Hex(D9A4BC) Hex(F5C0D8) Hex(FFDBF4) Hex(FFF8FF)

	Hex(A17087)	Hex(FFFFFF)	Hex(D9A4BC)	Hex(F5C0D8)	Hex(FFDBF4)	Hex(FFF8FF)
Hex(A17087)		Ratio: 4.05 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 3.88 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.05 AA 18pt ²		Ratio: 2.10 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(D9A4BC)	Ratio: 1.93 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(F5C0D8)	Ratio: 2.59 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFDBF4)	Ratio: 3.22 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFF8FF)	Ratio: 3.88 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.50 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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