

Converting Colors - WCAG Matrix

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

Hex(9C6387) Hex(FFFFFF) Hex(D397BC) Hex(F0B2D8) Hex(FFCEF4) Hex(FFFAFF)

	Hex(9C6387)	Hex(FFFFFF)	Hex(D397BC)	Hex(F0B2D8)	Hex(FFCEF4)	Hex(FFFAFF)
Hex(9C6387)		Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 4.06 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.62 AA ¹ AAA 18pt ⁴		Ratio: 2.35 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(D397BC)	Ratio: 1.96 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(F0B2D8)	Ratio: 2.65 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(FFCEF4)	Ratio: 3.38 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFAFF)	Ratio: 4.06 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.20 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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