

Converting Colors - WCAG Matrix

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

Hex(CC6A8E) Hex(FFFFFF) Hex(FFA0C4) Hex(FFBBE0) Hex(FFD8FC) Hex(FFF5FF)

	Hex(CC6A8E)	Hex(FFFFFF)	Hex(FFA0C4)	Hex(FFBBE0)	Hex(FFD8FC)	Hex(FFF5FF)
Hex(CC6A8E)		Ratio: 3.49 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.49 AA 18pt ²		Ratio: 1.90 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(FFA0C4)	Ratio: 1.84 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(FFBBE0)	Ratio: 2.23 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFD8FC)	Ratio: 2.74 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF5FF)	Ratio: 3.28 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.47 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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