

Converting Colors - WCAG Matrix

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

Hex(FF5285) Hex(FFFFFF) Hex(FF8DBA) Hex(FFAAD5) Hex(FFC8F2) Hex(FFE5FF)

	Hex(FF5285)	Hex(FFFFFF)	Hex(FF8DBA)	Hex(FFAAD5)	Hex(FFC8F2)	Hex(FFE5FF)
Hex(FF5285)		Ratio: 3.09 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(FFFFFF)	Ratio: 3.09 AA 18pt ²		Ratio: 2.15 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(FF8DBA)	Ratio: 1.44 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(FFAAD5)	Ratio: 1.76 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(FFC8F2)	Ratio: 2.18 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFE5FF)	Ratio: 2.63 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.83 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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