

Converting Colors - WCAG Matrix

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

	Hex(FF4D70)	Hex(FF6784)	Hex(FF8099)	Hex(FF9AAD)	Hex(FFB3C2)	Hex(FFCDD6)	Hex(FFE6EB)	Hex(FFFFFF)
Hex(FF4D70)		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(FF6784)	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(FF8099)	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(FF9AAD)	Ratio: 1.60 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(FFB3C2)	Ratio: 1.91 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(FFCDD6)	Ratio: 2.28 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(FFE6EB)	Ratio: 2.71 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(FFFFFF)	Ratio: 3.21 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 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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