

Converting Colors - WCAG Matrix

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

	Hex(DC2599)	Hex(FB4AB4)	Hex(FF6ACF)	Hex(FF87EC)	Hex(FFA5FF)	Hex(FFC3FF)	Hex(FFE1FF)	Hex(FFFFFF)
Hex(DC2599)		Ratio: 1.41 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 4.40 AA 18pt ²
Hex(FB4AB4)	Ratio: 1.41 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(FF6ACF)	Ratio: 1.72 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(FF87EC)	Ratio: 2.08 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(FFA5FF)	Ratio: 2.53 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(FFC3FF)	Ratio: 3.04 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FFE1FF)	Ratio: 3.66 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFFFF)	Ratio: 4.40 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.45 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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