

Converting Colors - WCAG Matrix

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

	Hex(FFF0FB)	Hex(FFD6F4)	Hex(FBDEED)	Hex(FFA3E6)	Hex(FF8ADF)	Hex(FF70D8)	Hex(FF57D1)	Hex(FF3DCA)	Hex(FF24C3)	Hex(FF0ABC)
Hex(FFF0FB)		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.17 AA 18pt ²
Hex(FFD6F4)	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(FBDEED)	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(FFA3E6)	Ratio: 1.64 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(FF8ADF)	Ratio: 1.92 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(FF70D8)	Ratio: 2.23 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(FF57D1)	Ratio: 2.54 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(FF3DCA)	Ratio: 2.82 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(FF24C3)	Ratio: 3.04 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FF0ABC)	Ratio: 3.17 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 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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