

Converting Colors - WCAG Matrix

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

Hex(FFB6FC) Hex(FFA8FB) Hex(FFDDB6) Hex(80737F) Hex(BF00B7) Hex(40003D)

	Hex(FFB6FC)	Hex(FFA8FB)	Hex(FFDDB6)	Hex(80737F)	Hex(BF00B7)	Hex(40003D)
Hex(FFB6FC)		Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 10.38 Passed ⁶
Hex(FFA8FB)	Ratio: 1.09 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 9.53 Passed ⁶
Hex(FFDDB6)	Ratio: 1.22 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 3.48 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 12.66 Passed ⁶
Hex(80737F)	Ratio: 2.85 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.48 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(BF00B7)	Ratio: 3.42 AA 18pt ²	Ratio: 3.14 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 3.03 AA 18pt ²
Hex(40003D)	Ratio: 10.38 Passed ⁶	Ratio: 9.53 Passed ⁶	Ratio: 12.66 Passed ⁶	Ratio: 3.64 AA 18pt ²	Ratio: 3.03 AA 18pt ²	

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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