

Converting Colors - WCAG Matrix

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

Hex(FFD6FC) Hex(FFCFFC) Hex(D6FFEC) Hex(80737F) Hex(BF00B4) Hex(40003C)

	Hex(FFD6FC)	Hex(FFCFFC)	Hex(D6FFEC)	Hex(80737F)	Hex(BF00B4)	Hex(40003C)
Hex(FFD6FC)		Ratio: 1.04 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 12.68 Passed ⁶
Hex(FFCFFC)	Ratio: 1.04 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 12.14 Passed ⁶
Hex(D6FFEC)	Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 4.14 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 15.10 Passed ⁶
Hex(80737F)	Ratio: 3.48 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 4.14 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(BF00B4)	Ratio: 4.20 AA 18pt ²	Ratio: 4.02 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵		Ratio: 3.02 AA 18pt ²
Hex(40003C)	Ratio: 12.68 Passed ⁶	Ratio: 12.14 Passed ⁶	Ratio: 15.10 Passed ⁶	Ratio: 3.64 AA 18pt ²	Ratio: 3.02 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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