

Converting Colors - WCAG Matrix

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

Hex(FF8AC7) Hex(FF73BC) Hex(8AFFFFB) Hex(807379) Hex(BF0064) Hex(400021)

	Hex(FF8AC7)	Hex(FF73BC)	Hex(8AFFFFB)	Hex(807379)	Hex(BF0064)	Hex(400021)
Hex(FF8AC7)		Ratio: 1.15 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 7.83 Passed ⁶
Hex(FF73BC)	Ratio: 1.15 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 6.80 AA ¹ AAA 18pt ⁴
Hex(8AFFFFB)	Ratio: 1.83 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 3.83 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 14.34 Passed ⁶
Hex(807379)	Ratio: 2.09 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 3.83 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(BF0064)	Ratio: 2.86 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(400021)	Ratio: 7.83 Passed ⁶	Ratio: 6.80 AA ¹ AAA 18pt ⁴	Ratio: 14.34 Passed ⁶	Ratio: 3.75 AA 18pt ²	Ratio: 2.74 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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