

Converting Colors - WCAG Matrix

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

Hex(FF86B6) Hex(FF6EA7) Hex(86F3FF) Hex(807378) Hex(BF004C) Hex(400019)

	Hex(FF86B6)	Hex(FF6EA7)	Hex(86F3FF)	Hex(807378)	Hex(BF004C)	Hex(400019)
Hex(FF86B6)		Ratio: 1.16 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 7.58 Passed ⁶
Hex(FF6EA7)	Ratio: 1.16 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 6.53 AA ¹ AAA 18pt ⁴
Hex(86F3FF)	Ratio: 1.74 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 13.21 Passed ⁶
Hex(807378)	Ratio: 2.01 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.51 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(BF004C)	Ratio: 2.81 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(400019)	Ratio: 7.58 Passed ⁶	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 13.21 Passed ⁶	Ratio: 3.77 AA 18pt ²	Ratio: 2.69 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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