

Converting Colors - WCAG Matrix

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

Hex(FF88BE) Hex(FF70B1) Hex(88FBFF) Hex(807379) Hex(BF0057) Hex(40001D)

	Hex(FF88BE)	Hex(FF70B1)	Hex(88FBFF)	Hex(807379)	Hex(BF0057)	Hex(40001D)
Hex(FF88BE)		Ratio: 1.16 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 7.70 Passed ⁶
Hex(FF70B1)	Ratio: 1.16 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 6.64 AA ¹ AAA 18pt ⁴
Hex(88FBFF)	Ratio: 1.82 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 13.99 Passed ⁶
Hex(807379)	Ratio: 2.05 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 3.72 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF0057)	Ratio: 2.84 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(40001D)	Ratio: 7.70 Passed ⁶	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 13.99 Passed ⁶	Ratio: 3.76 AA 18pt ²	Ratio: 2.71 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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