

Converting Colors - WCAG Matrix

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

Hex(FF88D1) Hex(FF70C8) Hex(88FFF1) Hex(80737B) Hex(BF0075) Hex(400027)

	Hex(FF88D1)	Hex(FF70C8)	Hex(88FFF1)	Hex(80737B)	Hex(BF0075)	Hex(400027)
Hex(FF88D1)		Ratio: 1.15 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 7.77 Passed ⁶
Hex(FF70C8)	Ratio: 1.15 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 6.74 AA ¹ AAA 18pt ⁴
Hex(88FFF1)	Ratio: 1.82 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 3.78 AA 18pt ²	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 14.13 Passed ⁶
Hex(80737B)	Ratio: 2.08 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 3.78 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(BF0075)	Ratio: 2.79 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(400027)	Ratio: 7.77 Passed ⁶	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 14.13 Passed ⁶	Ratio: 3.73 AA 18pt ²	Ratio: 2.78 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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