

Converting Colors - WCAG Matrix

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

Hex(FFC2E8) Hex(FFB5E3) Hex(FFF7C2) Hex(80737B) Hex(BF0077) Hex(400028)

	Hex(FFC2E8)	Hex(FFB5E3)	Hex(FFF7C2)	Hex(80737B)	Hex(BF0077)	Hex(400028)
Hex(FFC2E8)		Ratio: 1.09 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 4.06 AA 18pt ²	Ratio: 11.32 Passed ⁶
Hex(FFB5E3)	Ratio: 1.09 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 10.39 Passed ⁶
Hex(FFF7C2)	Ratio: 1.37 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 4.15 AA 18pt ²	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 15.49 Passed ⁶
Hex(80737B)	Ratio: 3.04 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 4.15 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(BF0077)	Ratio: 4.06 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(400028)	Ratio: 11.32 Passed ⁶	Ratio: 10.39 Passed ⁶	Ratio: 15.49 Passed ⁶	Ratio: 3.73 AA 18pt ²	Ratio: 2.79 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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