

Converting Colors - WCAG Matrix

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

Hex(FFBFF3) Hex(FFB3F1) Hex(FFBFD3) Hex(80737D) Hex(BF009B) Hex(400034)

	Hex(FFBFF3)	Hex(FFB3F1)	Hex(FFBFD3)	Hex(80737D)	Hex(BF009B)	Hex(400034)
Hex(FFBFF3)		Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 11.04 Passed ⁶
Hex(FFB3F1)	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 10.23 Passed ⁶
Hex(FFBFD3)	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 10.76 Passed ⁶
Hex(80737D)	Ratio: 3.00 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.92 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.68 AA 18pt ²
Hex(BF009B)	Ratio: 3.80 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 1.27 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(400034)	Ratio: 11.04 Passed ⁶	Ratio: 10.23 Passed ⁶	Ratio: 10.76 Passed ⁶	Ratio: 3.68 AA 18pt ²	Ratio: 2.91 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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