

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FFF3FB) Hex(FFF2FA) Hex(FFF3F5) Hex(80787D) Hex(BF0078) Hex(400028)

Hex(FFF3FB)		Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 15.59 Passed ⁶
Hex(FFF2FA)	Ratio: 1.01 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 15.48 Passed ⁶
Hex(FFF3F5)	Ratio: 1.00 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.96 AA 18pt ²	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 15.53 Passed ⁶
Hex(80787D)	Ratio: 3.97 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.96 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 3.92 AA 18pt ²
Hex(BF0078)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 1.41 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(400028)	Ratio: 15.59 Passed ⁶	Ratio: 15.48 Passed ⁶	Ratio: 15.53 Passed ⁶	Ratio: 3.92 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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