

Converting Colors - WCAG Matrix

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

Hex(FEF4F8) Hex(FFF2F7) Hex(F4FEF5) Hex(80787B) Hex(BF0049) Hex(400018)

	Hex(FEF4F8)	Hex(FFF2F7)	Hex(F4FEF5)	Hex(80787B)	Hex(BF0049)	Hex(400018)
Hex(FEF4F8)		Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 15.85 Passed ⁶
Hex(FFF2F7)	Ratio: 1.01 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 15.67 Passed ⁶
Hex(F4FEF5)	Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 4.16 AA 18pt ²	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 16.52 Passed ⁶
Hex(80787B)	Ratio: 3.99 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 4.16 AA 18pt ²		Ratio: 1.48 Failed ⁵	Ratio: 3.97 AA 18pt ²
Hex(BF0049)	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 1.48 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(400018)	Ratio: 15.85 Passed ⁶	Ratio: 15.67 Passed ⁶	Ratio: 16.52 Passed ⁶	Ratio: 3.97 AA 18pt ²	Ratio: 2.69 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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