

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(FEF0FF) Hex(FEEDFF) Hex(FFF0F8) Hex(7F7580) Hex(B900BF) Hex(3E0040)

Hex(FEF0FF)		Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 14.95 Passed ⁶
Hex(FEEDFF)	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 14.68 Passed ⁶
Hex(FFF0F8)	Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 4.01 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 14.91 Passed ⁶
Hex(7F7580)	Ratio: 4.02 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 4.01 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(B900BF)	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 4.92 AA ¹ AAA 18pt ⁴	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵		Ratio: 2.98 Failed ⁵
Hex(3E0040)	Ratio: 14.95 Passed ⁶	Ratio: 14.68 Passed ⁶	Ratio: 14.91 Passed ⁶	Ratio: 3.72 AA 18pt ²	Ratio: 2.98 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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