

Converting Colors - WCAG Matrix

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

Hex(F5EDF1) Hex(FFF5FA) Hex(F5EDED) Hex(7A7477) Hex(BA0060) Hex(3B001E)

	Hex(F5EDF1)	Hex(FFF5FA)	Hex(F5EDED)	Hex(7A7477)	Hex(BA0060)	Hex(3B001E)
Hex(F5EDF1)		Ratio: 1.08 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 15.16 Passed ⁶
Hex(FFF5FA)	Ratio: 1.08 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 16.35 Passed ⁶
Hex(F5EDED)	Ratio: 1.00 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.97 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 15.12 Passed ⁶
Hex(7A7477)	Ratio: 3.98 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 3.97 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(BA0060)	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 1.41 Failed ⁵		Ratio: 2.70 Failed ⁵
Hex(3B001E)	Ratio: 15.16 Passed ⁶	Ratio: 16.35 Passed ⁶	Ratio: 15.12 Passed ⁶	Ratio: 3.81 AA 18pt ²	Ratio: 2.70 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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