

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F5EDF0) Hex(FFF5F8) Hex(F4F5ED) Hex(7A7476) Hex(BA0040) Hex(3B0014)

	Hex(F5EDF0)	Hex(FFF5F8)	Hex(F4F5ED)	Hex(7A7476)	Hex(BA0040)	Hex(3B0014)
Hex(F5EDF0)		Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 15.26 Passed ⁶
Hex(FFF5F8)	Ratio: 1.08 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 16.45 Passed ⁶
Hex(F4F5ED)	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 4.17 AA 18pt ²	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 16.00 Passed ⁶
Hex(7A7476)	Ratio: 3.98 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 4.17 AA 18pt ²		Ratio: 1.45 Failed ⁵	Ratio: 3.84 AA 18pt ²
Hex(BA0040)	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(3B0014)	Ratio: 15.26 Passed ⁶	Ratio: 16.45 Passed ⁶	Ratio: 16.00 Passed ⁶	Ratio: 3.84 AA 18pt ²	Ratio: 2.64 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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