

Converting Colors - WCAG Matrix

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

Hex(F7F9FE) Hex(F7FAFF) Hex(F8F7FE) Hex(7A7C80) Hex(0037BF) Hex(001240)

	Hex(F7F9FE)	Hex(F7FAFF)	Hex(F8F7FE)	Hex(7A7C80)	Hex(0037BF)	Hex(001240)
Hex(F7F9FE)		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 8.67 Passed ⁶	Ratio: 17.18 Passed ⁶
Hex(F7FAFF)	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 8.73 Passed ⁶	Ratio: 17.30 Passed ⁶
Hex(F8F7FE)	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 3.93 AA 18pt ²	Ratio: 8.58 Passed ⁶	Ratio: 17.00 Passed ⁶
Hex(7A7C80)	Ratio: 3.97 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 3.93 AA 18pt ²		Ratio: 2.18 Failed ⁵	Ratio: 4.33 AA 18pt ²
Hex(0037BF)	Ratio: 8.67 Passed ⁶	Ratio: 8.73 Passed ⁶	Ratio: 8.58 Passed ⁶	Ratio: 2.18 Failed ⁵		Ratio: 1.98 Failed ⁵
Hex(001240)	Ratio: 17.18 Passed ⁶	Ratio: 17.30 Passed ⁶	Ratio: 17.00 Passed ⁶	Ratio: 4.33 AA 18pt ²	Ratio: 1.98 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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