

Converting Colors - WCAG Matrix

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

Hex(F2F5F9) Hex(F7FBFF) Hex(F2F2F9) Hex(787A7D) Hex(0051BD) Hex(001A3D)

	Hex(F2F5F9)	Hex(F7FBFF)	Hex(F2F2F9)	Hex(787A7D)	Hex(0051BD)	Hex(001A3D)
Hex(F2F5F9)		Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 15.80 Passed ⁶
Hex(F7FBFF)	Ratio: 1.05 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 16.62 Passed ⁶
Hex(F2F2F9)	Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.86 AA 18pt ²	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 15.51 Passed ⁶
Hex(787A7D)	Ratio: 3.94 AA 18pt ²	Ratio: 4.14 AA 18pt ²	Ratio: 3.86 AA 18pt ²		Ratio: 1.68 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(0051BD)	Ratio: 6.60 AA ¹ AAA 18pt ⁴	Ratio: 6.94 AA ¹ AAA 18pt ⁴	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 1.68 Failed ⁵		Ratio: 2.40 Failed ⁵
Hex(001A3D)	Ratio: 15.80 Passed ⁶	Ratio: 16.62 Passed ⁶	Ratio: 15.51 Passed ⁶	Ratio: 4.01 AA 18pt ²	Ratio: 2.40 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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