

Converting Colors - WCAG Matrix

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

Hex(B5D1F8) Hex(ADD0FF) Hex(B9B5F8) Hex(70767D) Hex(004FBD) Hex(001A3D)

	Hex(B5D1F8)	Hex(ADD0FF)	Hex(B9B5F8)	Hex(70767D)	Hex(004FBD)	Hex(001A3D)
Hex(B5D1F8)		Ratio: 1.01 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 11.06 Passed ⁶
Hex(ADD0FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 10.90 Passed ⁶
Hex(B9B5F8)	Ratio: 1.22 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 9.07 Passed ⁶
Hex(70767D)	Ratio: 2.94 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 2.41 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(004FBD)	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 1.60 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(001A3D)	Ratio: 11.06 Passed ⁶	Ratio: 10.90 Passed ⁶	Ratio: 9.07 Passed ⁶	Ratio: 3.77 AA 18pt ²	Ratio: 2.35 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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