

Converting Colors - WCAG Matrix

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

Hex(BEC8FB) Hex(B5C1FF) Hex(D2BEFB) Hex(70737D) Hex(001FBD) Hex(000A3D)

	Hex(BEC8FB)	Hex(B5C1FF)	Hex(D2BEFB)	Hex(70737D)	Hex(001FBD)	Hex(000A3D)
Hex(BEC8FB)		Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 11.56 Passed ⁶
Hex(B5C1FF)	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 10.84 Passed ⁶
Hex(D2BEFB)	Ratio: 1.03 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 11.25 Passed ⁶
Hex(70737D)	Ratio: 2.89 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.82 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 3.99 AA 18pt ²
Hex(001FBD)	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 2.30 Failed ⁵		Ratio: 1.74 Failed ⁵
Hex(000A3D)	Ratio: 11.56 Passed ⁶	Ratio: 10.84 Passed ⁶	Ratio: 11.25 Passed ⁶	Ratio: 3.99 AA 18pt ²	Ratio: 1.74 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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