

Converting Colors - WCAG Matrix

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

Hex(AFB0BA) Hex(E1E2F2) Hex(B4AFBA) Hex(57575E) Hex(00089E) Hex(00021F)

	Hex(AFB0BA)	Hex(E1E2F2)	Hex(B4AFBA)	Hex(57575E)	Hex(00089E)	Hex(00021F)
Hex(AFB0BA)		Ratio: 1.68 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 9.47 Passed ⁶
Hex(E1E2F2)	Ratio: 1.68 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 10.71 Passed ⁶	Ratio: 15.91 Passed ⁶
Hex(B4AFBA)	Ratio: 1.00 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 3.34 AA 18pt ²	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 9.51 Passed ⁶
Hex(57575E)	Ratio: 3.32 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²		Ratio: 1.92 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(00089E)	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 10.71 Passed ⁶	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 1.92 Failed ⁵		Ratio: 1.49 Failed ⁵
Hex(00021F)	Ratio: 9.47 Passed ⁶	Ratio: 15.91 Passed ⁶	Ratio: 9.51 Passed ⁶	Ratio: 2.85 Failed ⁵	Ratio: 1.49 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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