

Converting Colors - WCAG Matrix

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

Hex(545B5F) Hex(FFFFFF) Hex(868D92) Hex(A0A8AC) Hex(BBC3C8) Hex(D7DFE4) Hex(F3FCFF)

	Hex(545B5F)	Hex(FFFFFF)	Hex(868D92)	Hex(A0A8AC)	Hex(BBC3C8)	Hex(D7DFE4)	Hex(F3FCFF)
Hex(545B5F)		Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 2.05 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 6.64 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.91 AA ¹ AAA 18pt ⁴		Ratio: 3.37 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(868D92)	Ratio: 2.05 Failed ⁵	Ratio: 3.37 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(A0A8AC)	Ratio: 2.86 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(BBC3C8)	Ratio: 3.87 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(D7DFE4)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.35 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(F3FCFF)	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.30 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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