

Converting Colors - WCAG Matrix

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

Hex(6C819E) Hex(FFFFFF) Hex(A1B6D5) Hex(BCD1F1) Hex(D8EEFF) Hex(F5FFFF)

	Hex(6C819E)	Hex(FFFFFF)	Hex(A1B6D5)	Hex(BCD1F1)	Hex(D8EEFF)	Hex(F5FFFF)
Hex(6C819E)		Ratio: 3.98 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.91 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.98 AA 18pt ²		Ratio: 2.07 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(A1B6D5)	Ratio: 1.93 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(BCD1F1)	Ratio: 2.57 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(D8EEFF)	Ratio: 3.34 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(F5FFFF)	Ratio: 3.91 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.17 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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