

Converting Colors - WCAG Matrix

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

Hex(687A8A) Hex(FFFFFF) Hex(9CAEBF) Hex(B7CADB) Hex(D3E6F8) Hex(EFFFFFFF)

	Hex(687A8A)	Hex(FFFFFF)	Hex(9CAEBF)	Hex(B7CADB)	Hex(D3E6F8)	Hex(EFFFFFFF)
Hex(687A8A)		Ratio: 4.43 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 4.31 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.43 AA 18pt ²		Ratio: 2.28 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(9CAEBF)	Ratio: 1.95 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(B7CADB)	Ratio: 2.63 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(D3E6F8)	Ratio: 3.47 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(EFFFFFFF)	Ratio: 4.31 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.24 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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