

Converting Colors - WCAG Matrix

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

Hex(69797B) Hex(FFFFFF) Hex(9CADAF) Hex(B7C9CB) Hex(D3E5E7) Hex(EFFFFFFF)

	Hex(69797B)	Hex(FFFFFF)	Hex(9CADAF)	Hex(B7C9CB)	Hex(D3E5E7)	Hex(EFFFFFFF)
Hex(69797B)		Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.95 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 4.42 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.54 AA ¹ AAA 18pt ⁴		Ratio: 2.33 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(9CADAF)	Ratio: 1.95 Failed ⁵	Ratio: 2.33 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(B7C9CB)	Ratio: 2.65 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(D3E5E7)	Ratio: 3.49 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵
Hex(EFFFFFFF)	Ratio: 4.42 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 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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