

Converting Colors - WCAG Matrix

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

Hex(8195A1) Hex(FFFFFF) Hex(B6CBD7) Hex(D1E8F4) Hex(EFFFFFF)

Hex(8195A1)		Ratio: 3.11 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.11 AA 18pt ²		Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(B6CBD7)	Ratio: 1.85 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(D1E8F4)	Ratio: 2.45 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(EFFFFFF)	Ratio: 3.02 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.23 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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