

Converting Colors - WCAG Matrix

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

Hex(818A93) Hex(FFFFFF) Hex(B6BFC9) Hex(D2DBE6) Hex(EEF7FF)

Hex(818A93)		Ratio: 3.51 AA 18pt²	Ratio: 1.88 Failed⁵	Ratio: 2.51 Failed⁵	Ratio: 3.24 AA 18pt²
Hex(FFFFFF)	Ratio: 3.51 AA 18pt²		Ratio: 1.86 Failed⁵	Ratio: 1.40 Failed⁵	Ratio: 1.08 Failed⁵
Hex(B6BFC9)	Ratio: 1.88 Failed⁵	Ratio: 1.86 Failed⁵		Ratio: 1.33 Failed⁵	Ratio: 1.72 Failed⁵
Hex(D2DBE6)	Ratio: 2.51 Failed⁵	Ratio: 1.40 Failed⁵	Ratio: 1.33 Failed⁵		Ratio: 1.29 Failed⁵
Hex(EEF7FF)	Ratio: 3.24 AA 18pt²	Ratio: 1.08 Failed⁵	Ratio: 1.72 Failed⁵	Ratio: 1.29 Failed⁵	

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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