

Converting Colors - WCAG Matrix

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

Hex(878AA3) Hex(FFFFFF) Hex(BCBFDA) Hex(D8DBF6) Hex(F5F8FF)

Hex(878AA3)		Ratio: 3.39 AA 18pt²	Ratio: 1.87 Failed⁵	Ratio: 2.48 Failed⁵	Ratio: 3.19 AA 18pt²
Hex(FFFFFF)	Ratio: 3.39 AA 18pt²		Ratio: 1.81 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.06 Failed⁵
Hex(BCBFDA)	Ratio: 1.87 Failed⁵	Ratio: 1.81 Failed⁵		Ratio: 1.33 Failed⁵	Ratio: 1.70 Failed⁵
Hex(D8DBF6)	Ratio: 2.48 Failed⁵	Ratio: 1.37 Failed⁵	Ratio: 1.33 Failed⁵		Ratio: 1.28 Failed⁵
Hex(F5F8FF)	Ratio: 3.19 AA 18pt²	Ratio: 1.06 Failed⁵	Ratio: 1.70 Failed⁵	Ratio: 1.28 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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