

Converting Colors - WCAG Matrix

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

Hex(595C69) Hex(FFFFFF) Hex(8C8F9C) Hex(A6A8B8) Hex(C2C4D1) Hex(DEDEED) Hex(FAFCFF)

	Hex(595C69)	Hex(FFFFFF)	Hex(8C8F9C)	Hex(A6A8B8)	Hex(C2C4D1)	Hex(DEDEED)	Hex(FAFCFF)
Hex(595C69)		Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 2.06 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 6.47 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.65 AA ¹ AAA 18pt ⁴		Ratio: 3.22 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(8C8F9C)	Ratio: 2.06 Failed ⁵	Ratio: 3.22 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(A6A8B8)	Ratio: 2.82 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(C2C4D1)	Ratio: 3.83 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(DEDEED)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.30 Failed ⁵
Hex(FAFCFF)	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.30 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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