

Converting Colors - WCAG Matrix

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

Hex(54679E) Hex(FFFFFF) Hex(8A9AD5) Hex(A5B5F1) Hex(C1D0FF) Hex(DDEDFF) Hex(FAFFFF)

	Hex(54679E)	Hex(FFFFFF)	Hex(8A9AD5)	Hex(A5B5F1)	Hex(C1D0FF)	Hex(DDEDFF)	Hex(FAFFFF)
Hex(54679E)		Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 5.46 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.51 AA ¹ AAA 18pt ⁴		Ratio: 2.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(8A9AD5)	Ratio: 2.01 Failed ⁵	Ratio: 2.74 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(A5B5F1)	Ratio: 2.75 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(C1D0FF)	Ratio: 3.60 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(DDEDFF)	Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(FAFFFF)	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.18 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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