

Converting Colors - WCAG Matrix

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

	Hex(567A9D)	Hex(FFFFFF)	Hex(8BAED4)	Hex(A6CAF0)	Hex(C2E6FF)	Hex(DFFFFFF)	Hex(FCFFFF)
Hex(567A9D)		Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.95 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.26 AA 18pt ²	Ratio: 4.48 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.50 AA ¹ AAA 18pt ⁴		Ratio: 2.31 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(8BAED4)	Ratio: 1.95 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(A6CAF0)	Ratio: 2.64 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(C2E6FF)	Ratio: 3.44 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(DFFFFFF)	Ratio: 4.26 AA 18pt ²	Ratio: 1.06 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FCFFFF)	Ratio: 4.48 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.05 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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