

Converting Colors - WCAG Matrix

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

	Hex(3D7596)	Hex(FFFFFF)	Hex(73A8CC)	Hex(8FC4E8)	Hex(ABE0FF)	Hex(C7FCFF)	Hex(E6FFFF)
Hex(3D7596)		Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.49 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.02 AA ¹ AAA 18pt ⁴		Ratio: 2.56 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(73A8CC)	Ratio: 1.96 Failed ⁵	Ratio: 2.56 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(8FC4E8)	Ratio: 2.68 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(ABE0FF)	Ratio: 3.55 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(C7FCFF)	Ratio: 4.49 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(E6FFFF)	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.07 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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