

Converting Colors - WCAG Matrix

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

	Hex(468EAD)	Hex(FFFFFF)	Hex(7FC4E5)	Hex(9BE0FF)	Hex(B8FCFF)	Hex(D5FFFF)	Hex(F2FFFF)
Hex(468EAD)		Ratio: 3.66 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 3.58 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.66 AA 18pt ²		Ratio: 1.92 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(7FC4E5)	Ratio: 1.91 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(9BE0FF)	Ratio: 2.53 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(B8FCFF)	Ratio: 3.21 AA 18pt ²	Ratio: 1.14 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(D5FFFF)	Ratio: 3.41 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F2FFFF)	Ratio: 3.58 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.12 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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