

Converting Colors - WCAG Matrix

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

	Hex(009CE3)	Hex(FFFFFF)	Hex(69D2FF)	Hex(8AEFFF)	Hex(AAFFFF)	Hex(C9FFFF)	Hex(E8FFFF)
Hex(009CE3)		Ratio: 3.06 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(FFFFFF)	Ratio: 3.06 AA 18pt ²		Ratio: 1.71 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(69D2FF)	Ratio: 1.79 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(8AEFFF)	Ratio: 2.30 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(AAFFFF)	Ratio: 2.69 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(C9FFFF)	Ratio: 2.80 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E8FFFF)	Ratio: 2.94 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.09 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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