

Converting Colors - WCAG Matrix

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

	Hex(13ABD4)	Hex(FFFFFF)	Hex(6BE2FF)	Hex(8BFFFF)	Hex(AAFFFF)	Hex(C9FFFF)	Hex(E8FFFF)
Hex(13ABD4)		Ratio: 2.69 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(FFFFFF)	Ratio: 2.69 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(6BE2FF)	Ratio: 1.79 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(8BFFFF)	Ratio: 2.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(AAFFFF)	Ratio: 2.37 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(C9FFFF)	Ratio: 2.46 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E8FFFF)	Ratio: 2.59 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.13 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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