

Converting Colors - WCAG Matrix

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

	Hex(38A3EB)	Hex(FFFFFF)	Hex(7FDAFF)	Hex(9EF6FF)	Hex(BDFFFF)	Hex(DCFFFF)	Hex(FBFFFF)
Hex(38A3EB)		Ratio: 2.76 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(FFFFFF)	Ratio: 2.76 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(7FDAFF)	Ratio: 1.76 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(9EF6FF)	Ratio: 2.25 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(BDFFFF)	Ratio: 2.49 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(DCFFFF)	Ratio: 2.60 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FBFFFF)	Ratio: 2.74 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 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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