

Converting Colors - WCAG Matrix

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

	Hex(008BE9)	Hex(45A5FF)	Hex(6AC0FF)	Hex(8BDCFF)	Hex(ABF8FF)	Hex(CBF8FF)	Hex(EAFFFF)	Hex(FFFFFF)
Hex(008BE9)		Ratio: 1.38 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 3.58 AA 18pt ²
Hex(45A5FF)	Ratio: 1.38 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(6AC0FF)	Ratio: 1.81 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(8BDCFF)	Ratio: 2.35 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(ABF8FF)	Ratio: 3.00 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(CBF8FF)	Ratio: 3.29 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(EAFFFF)	Ratio: 3.45 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 3.58 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 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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