

Converting Colors - WCAG Matrix

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

	Hex(3263CB)	Hex(FFFFFF)	Hex(7595FF)	Hex(93B0FF)	Hex(B1CBFF)	Hex(CFE7FF)	Hex(EFFFFFF)
Hex(3263CB)		Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.55 AA ¹ AAA 18pt ⁴		Ratio: 2.80 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(7595FF)	Ratio: 1.98 Failed ⁵	Ratio: 2.80 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(93B0FF)	Ratio: 2.62 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(B1CBFF)	Ratio: 3.40 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(CFE7FF)	Ratio: 4.37 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(EFFFFFF)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.23 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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