

Converting Colors - WCAG Matrix

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

Hex(9CC2FC) Hex(8AB8FF) Hex(A69CFC) Hex(70767D) Hex(004ABD) Hex(00183D)

	Hex(9CC2FC)	Hex(8AB8FF)	Hex(A69CFC)	Hex(70767D)	Hex(004ABD)	Hex(00183D)
Hex(9CC2FC)		Ratio: 1.11 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 9.63 Passed ⁶
Hex(8AB8FF)	Ratio: 1.11 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 8.67 Passed ⁶
Hex(A69CFC)	Ratio: 1.31 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 7.33 Passed ⁶
Hex(70767D)	Ratio: 2.52 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.82 AA 18pt ²
Hex(004ABD)	Ratio: 4.25 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 3.24 AA 18pt ²	Ratio: 1.69 Failed ⁵		Ratio: 2.27 Failed ⁵
Hex(00183D)	Ratio: 9.63 Passed ⁶	Ratio: 8.67 Passed ⁶	Ratio: 7.33 Passed ⁶	Ratio: 3.82 AA 18pt ²	Ratio: 2.27 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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