

Converting Colors - WCAG Matrix

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

Hex(1F63BF) Hex(FFFFFF) Hex(6996F7) Hex(87B0FF) Hex(A3CCFF) Hex(C2E8FF) Hex(E0FFFF)

	Hex(1F63BF)	Hex(FFFFFF)	Hex(6996F7)	Hex(87B0FF)	Hex(A3CCFF)	Hex(C2E8FF)	Hex(E0FFFF)
Hex(1F63BF)		Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.84 AA ¹ AAA 18pt ⁴		Ratio: 2.87 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(6996F7)	Ratio: 2.03 Failed ⁵	Ratio: 2.87 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(87B0FF)	Ratio: 2.69 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(A3CCFF)	Ratio: 3.52 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(C2E8FF)	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(E0FFFF)	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 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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