

Converting Colors - WCAG Matrix

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

Hex(3D94FF) Hex(FFFFFF) Hex(85CAFF) Hex(A5E6FF) Hex(C4FFFF) Hex(E3FFFF)

	Hex(3D94FF)	Hex(FFFFFF)	Hex(85CAFF)	Hex(A5E6FF)	Hex(C4FFFF)	Hex(E3FFFF)
Hex(3D94FF)		Ratio: 3.05 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(FFFFFF)	Ratio: 3.05 AA 18pt ²		Ratio: 1.77 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(85CAFF)	Ratio: 1.73 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(A5E6FF)	Ratio: 2.23 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(C4FFFF)	Ratio: 2.78 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(E3FFFF)	Ratio: 2.91 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.30 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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