

Converting Colors - WCAG Matrix

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

Hex(64ABFF) Hex(FFFFFF) Hex(A1E3FF) Hex(C0FFFF) Hex(DEFFFF) Hex(FCFFFF)

	Hex(64ABFF)	Hex(FFFFFF)	Hex(A1E3FF)	Hex(C0FFFF)	Hex(DEFFFF)	Hex(FCFFFF)
Hex(64ABFF)		Ratio: 2.38 Failed⁵	Ratio: 1.70 Failed⁵	Ratio: 2.16 Failed⁵	Ratio: 2.25 Failed⁵	Ratio: 2.37 Failed⁵
Hex(FFFFFF)	Ratio: 2.38 Failed⁵		Ratio: 1.40 Failed⁵	Ratio: 1.11 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 1.01 Failed⁵
Hex(A1E3FF)	Ratio: 1.70 Failed⁵	Ratio: 1.40 Failed⁵		Ratio: 1.27 Failed⁵	Ratio: 1.33 Failed⁵	Ratio: 1.40 Failed⁵
Hex(C0FFFF)	Ratio: 2.16 Failed⁵	Ratio: 1.11 Failed⁵	Ratio: 1.27 Failed⁵		Ratio: 1.05 Failed⁵	Ratio: 1.10 Failed⁵
Hex(DEFFFF)	Ratio: 2.25 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 1.33 Failed⁵	Ratio: 1.05 Failed⁵		Ratio: 1.05 Failed⁵
Hex(FCFFFF)	Ratio: 2.37 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 1.40 Failed⁵	Ratio: 1.10 Failed⁵	Ratio: 1.05 Failed⁵	

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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