

Converting Colors - WCAG Matrix

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

Hex(33DAFF) Hex(FFFFFF) Hex(82FFFF) Hex(A3FFFF) Hex(C4FFFF) Hex(E3FFFF)

Hex(33DAFF)		Ratio: 1.66 Failed⁵	Ratio: 1.40 Failed⁵	Ratio: 1.45 Failed⁵	Ratio: 1.51 Failed⁵	Ratio: 1.59 Failed⁵
Hex(FFFFFF)	Ratio: 1.66 Failed⁵		Ratio: 1.19 Failed⁵	Ratio: 1.15 Failed⁵	Ratio: 1.10 Failed⁵	Ratio: 1.05 Failed⁵
Hex(82FFFF)	Ratio: 1.40 Failed⁵	Ratio: 1.19 Failed⁵		Ratio: 1.03 Failed⁵	Ratio: 1.08 Failed⁵	Ratio: 1.13 Failed⁵
Hex(A3FFFF)	Ratio: 1.45 Failed⁵	Ratio: 1.15 Failed⁵	Ratio: 1.03 Failed⁵		Ratio: 1.04 Failed⁵	Ratio: 1.09 Failed⁵
Hex(C4FFFF)	Ratio: 1.51 Failed⁵	Ratio: 1.10 Failed⁵	Ratio: 1.08 Failed⁵	Ratio: 1.04 Failed⁵		Ratio: 1.05 Failed⁵
Hex(E3FFFF)	Ratio: 1.59 Failed⁵	Ratio: 1.05 Failed⁵	Ratio: 1.13 Failed⁵	Ratio: 1.09 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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