

Converting Colors - WCAG Matrix

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

	Hex(00E6FF)	Hex(FFFFFF)	Hex(76FFFF)	Hex(99FFFF)	Hex(BAFFFF)	Hex(DBFFFF)	Hex(FBFFFF)
Hex(00E6FF)		Ratio: 1.53 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(FFFFFF)	Ratio: 1.53 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(76FFFF)	Ratio: 1.27 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(99FFFF)	Ratio: 1.32 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(BAFFFF)	Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(DBFFFF)	Ratio: 1.44 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(FBFFFF)	Ratio: 1.51 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 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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