

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.								
	Hex(00DBE7)	Hex(4AF8FF)	Hex(71FFFF)	Hex(93FFFF)	Hex(B4FFFF)	Hex(D4FFFF)	Hex(F4FFFF)	Hex(FFFFFF)
Hex(00DBE7)		Ratio: 1.32 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(4AF8FF)	Ratio: 1.32 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(71FFFF)	Ratio: 1.42 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(93FFFF)	Ratio: 1.46 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(B4FFFF)	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(D4FFFF)	Ratio: 1.59 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(F4FFFF)	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFFF)	Ratio: 1.71 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 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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