

Converting Colors - WCAG Matrix

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

	Hex(28AED3)	Hex(FFFFFF)	Hex(73E6FF)	Hex(92FFFF)	Hex(B1FFFF)	Hex(D0FFFF)	Hex(EFFFFF)
Hex(28AED3)		Ratio: 2.60 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(FFFFFF)	Ratio: 2.60 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(73E6FF)	Ratio: 1.79 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(92FFFF)	Ratio: 2.22 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(B1FFFF)	Ratio: 2.30 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(D0FFFF)	Ratio: 2.40 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(EFFFFF)	Ratio: 2.53 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 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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