

Converting Colors - WCAG Matrix

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

	Hex(41D8AD)	Hex(FFFFFF)	Hex(83FFE5)	Hex(A2FFFF)	Hex(C0FFFF)	Hex(DEFFFF)	Hex(FDFFFF)
Hex(41D8AD)		Ratio: 1.80 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(FFFFFF)	Ratio: 1.80 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(83FFE5)	Ratio: 1.49 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(A2FFFF)	Ratio: 1.57 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(C0FFFF)	Ratio: 1.63 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(DEFFFF)	Ratio: 1.70 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FDFFFF)	Ratio: 1.80 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.20 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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