

Converting Colors - WCAG Matrix

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

Hex(78DFC2) Hex(FFFFFF) Hex(B1FFFA) Hex(CEFFFF) Hex(ECFFFF)

	Hex(78DFC2)	Hex(FFFFFF)	Hex(B1FFFA)	Hex(CEFFFF)	Hex(ECFFFF)
Hex(78DFC2)		Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(FFFFFF)	Ratio: 1.60 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(B1FFFA)	Ratio: 1.41 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(CEFFFF)	Ratio: 1.48 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(ECFFFF)	Ratio: 1.55 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.09 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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