

Converting Colors - WCAG Matrix

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

Hex(7ECFE2) Hex(FFFFFF) Hex(B7FFFF) Hex(D4FFFF) Hex(F2FFFF)

	Hex(7ECFE2)	Hex(FFFFFF)	Hex(B7FFFF)	Hex(D4FFFF)	Hex(F2FFFF)
Hex(7ECFE2)		Ratio: 1.76 Failed⁵	Ratio: 1.58 Failed⁵	Ratio: 1.64 Failed⁵	Ratio: 1.72 Failed⁵
Hex(FFFFFF)	Ratio: 1.76 Failed⁵		Ratio: 1.12 Failed⁵	Ratio: 1.07 Failed⁵	Ratio: 1.02 Failed⁵
Hex(B7FFFF)	Ratio: 1.58 Failed⁵	Ratio: 1.12 Failed⁵		Ratio: 1.04 Failed⁵	Ratio: 1.09 Failed⁵
Hex(D4FFFF)	Ratio: 1.64 Failed⁵	Ratio: 1.07 Failed⁵	Ratio: 1.04 Failed⁵		Ratio: 1.05 Failed⁵
Hex(F2FFFF)	Ratio: 1.72 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.09 Failed⁵	Ratio: 1.05 Failed⁵	

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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