

Converting Colors - WCAG Matrix

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

Hex(83A1E3) Hex(FFFFFF) Hex(BBD8FF) Hex(D8F4FF) Hex(F5FFFF)

	Hex(83A1E3)	Hex(FFFFFF)	Hex(BBD8FF)	Hex(D8F4FF)	Hex(F5FFFF)
Hex(83A1E3)		Ratio: 2.57 Failed⁵	Ratio: 1.76 Failed⁵	Ratio: 2.24 Failed⁵	Ratio: 2.52 Failed⁵
Hex(FFFFFF)	Ratio: 2.57 Failed⁵		Ratio: 1.46 Failed⁵	Ratio: 1.15 Failed⁵	Ratio: 1.02 Failed⁵
Hex(BBD8FF)	Ratio: 1.76 Failed⁵	Ratio: 1.46 Failed⁵		Ratio: 1.27 Failed⁵	Ratio: 1.43 Failed⁵
Hex(D8F4FF)	Ratio: 2.24 Failed⁵	Ratio: 1.15 Failed⁵	Ratio: 1.27 Failed⁵		Ratio: 1.13 Failed⁵
Hex(F5FFFF)	Ratio: 2.52 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.43 Failed⁵	Ratio: 1.13 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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