

Converting Colors - WCAG Matrix

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

Hex(C1A2FF) Hex(D2BBFF) Hex(E3D5FF) Hex(F4EFFF) Hex(FFFFFF)

Hex(C1A2FF)		Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(D2BBFF)	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(E3D5FF)	Ratio: 1.54 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(F4EFFF)	Ratio: 1.89 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(FFFFFF)	Ratio: 2.13 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.13 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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