

Converting Colors - WCAG Matrix

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

Hex(F197FF) Hex(FFB3FF) Hex(FFCFFF) Hex(FFECFF) Hex(FFFFFF)

	Hex(F197FF)	Hex(FFB3FF)	Hex(FFCFFF)	Hex(FFECFF)	Hex(FFFFFF)
Hex(F197FF)		Ratio: 1.24 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(FFB3FF)	Ratio: 1.24 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(FFCFFF)	Ratio: 1.47 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(FFECFF)	Ratio: 1.76 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(FFFFFF)	Ratio: 1.98 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.12 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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