

Converting Colors - WCAG Matrix

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

Hex(FF78CE) Hex(FFFFFF) Hex(FFB1FF) Hex(FFCDFF) Hex(FFEBFF)

	Hex(FF78CE)	Hex(FFFFFF)	Hex(FFB1FF)	Hex(FFCDFF)	Hex(FFEBFF)
Hex(FF78CE)		Ratio: 2.38 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(FFFFFF)	Ratio: 2.38 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(FFB1FF)	Ratio: 1.47 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFCDFF)	Ratio: 1.75 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFEBFF)	Ratio: 2.10 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 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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