

Converting Colors - WCAG Matrix

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

Hex(C575AE) Hex(FFFFFF) Hex(FFABE6) Hex(FFC6FF) Hex(FFE3FF)

Hex(C575AE)		Ratio: 3.22 AA 18pt²	Ratio: 1.87 Failed⁵	Ratio: 2.26 Failed⁵	Ratio: 2.71 Failed⁵
Hex(FFFFFF)	Ratio: 3.22 AA 18pt²		Ratio: 1.72 Failed⁵	Ratio: 1.42 Failed⁵	Ratio: 1.19 Failed⁵
Hex(FFABE6)	Ratio: 1.87 Failed⁵	Ratio: 1.72 Failed⁵		Ratio: 1.21 Failed⁵	Ratio: 1.45 Failed⁵
Hex(FFC6FF)	Ratio: 2.26 Failed⁵	Ratio: 1.42 Failed⁵	Ratio: 1.21 Failed⁵		Ratio: 1.20 Failed⁵
Hex(FFE3FF)	Ratio: 2.71 Failed⁵	Ratio: 1.19 Failed⁵	Ratio: 1.45 Failed⁵	Ratio: 1.20 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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