

Converting Colors - WCAG Matrix

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

Hex(E453B5) Hex(FFCCFF) Hex(FF8CED) Hex(FFA9FF) Hex(FFC6FF)

	Hex(E453B5)	Hex(FFCCFF)	Hex(FF8CED)	Hex(FFA9FF)	Hex(FFC6FF)
Hex(E453B5)		Ratio: 2.47 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(FFCCFF)	Ratio: 2.47 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FF8CED)	Ratio: 1.65 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(FFA9FF)	Ratio: 1.99 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFC6FF)	Ratio: 2.38 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.19 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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