

Converting Colors - WCAG Matrix

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

	Hex(FF74E2)	Hex(FF8DE8)	Hex(FFA7ED)	Hex(FFC0F2)	Hex(FFDAF7)	Hex(FFF3FD)	Hex(FFFFFF)
Hex(FF74E2)		Ratio: 1.16 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(FF8DE8)	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(FFA7ED)	Ratio: 1.36 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(FFC0F2)	Ratio: 1.59 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFDAF7)	Ratio: 1.88 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(FFF3FD)	Ratio: 2.20 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(FFFFFF)	Ratio: 2.37 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.08 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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