

Converting Colors - WCAG Matrix

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

Hex(EA5E8F) Hex(FFFFFF) Hex(FF96C5) Hex(FFB2E1) Hex(FFCFFE) Hex(FFECFF)

	Hex(EA5E8F)	Hex(FFFFFF)	Hex(FF96C5)	Hex(FFB2E1)	Hex(FFCFFE)	Hex(FFECFF)
Hex(EA5E8F)		Ratio: 3.23 AA 18pt ²	Ratio: 1.60 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(FFFFFF)	Ratio: 3.23 AA 18pt ²		Ratio: 2.02 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(FF96C5)	Ratio: 1.60 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(FFB2E1)	Ratio: 1.96 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFCFFE)	Ratio: 2.40 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFECFF)	Ratio: 2.88 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.47 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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