

Converting Colors - WCAG Matrix

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

Hex(AE5A8C) Hex(FFFFFF) Hex(E78EC2) Hex(FFAADE) Hex(FFC6FA) Hex(FFE2FF)

	Hex(AE5A8C)	Hex(FFFFFF)	Hex(E78EC2)	Hex(FFAADE)	Hex(FFC6FA)	Hex(FFE2FF)
Hex(AE5A8C)		Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.95 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.79 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.53 AA ¹ AAA 18pt ⁴		Ratio: 2.32 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(E78EC2)	Ratio: 1.95 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(FFAADE)	Ratio: 2.60 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(FFC6FA)	Ratio: 3.17 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFE2FF)	Ratio: 3.79 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.46 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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