

Converting Colors - WCAG Matrix

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

Hex(8F5F7E) Hex(FFFFFF) Hex(C692B3) Hex(E2ADCE) Hex(FFC8EA) Hex(FFE5FF)

	Hex(8F5F7E)	Hex(FFFFFF)	Hex(C692B3)	Hex(E2ADCE)	Hex(FFC8EA)	Hex(FFE5FF)
Hex(8F5F7E)		Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 4.36 AA 18pt ²
Hex(FFFFFF)	Ratio: 5.11 AA ¹ AAA 18pt ⁴		Ratio: 2.57 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(C692B3)	Ratio: 1.99 Failed ⁵	Ratio: 2.57 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(E2ADCE)	Ratio: 2.70 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(FFC8EA)	Ratio: 3.58 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFE5FF)	Ratio: 4.36 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 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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