

Converting Colors - WCAG Matrix

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

	Hex(614D6E)	Hex(FFFFFF)	Hex(947EA2)	Hex(AF98BD)	Hex(CAB3D9)	Hex(E7CEF5)	Hex(FFEBFF)
Hex(614D6E)		Ratio: 7.51 Passed ⁶	Ratio: 2.06 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 6.65 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 7.51 Passed ⁶		Ratio: 3.64 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(947EA2)	Ratio: 2.06 Failed ⁵	Ratio: 3.64 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(AF98BD)	Ratio: 2.88 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(CAB3D9)	Ratio: 3.92 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(E7CEF5)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(FFEBFF)	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 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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