

Converting Colors - WCAG Matrix

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

Hex(8F616C) Hex(FFFFFF) Hex(C6949F) Hex(E2AFBA) Hex(FFCAD6) Hex(FFE7F2)

	Hex(8F616C)	Hex(FFFFFF)	Hex(C6949F)	Hex(E2AFBA)	Hex(FFCAD6)	Hex(FFE7F2)
Hex(8F616C)		Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 4.39 AA 18pt ²
Hex(FFFFFF)	Ratio: 5.13 AA ¹ AAA 18pt ⁴		Ratio: 2.58 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(C6949F)	Ratio: 1.99 Failed ⁵	Ratio: 2.58 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(E2AFBA)	Ratio: 2.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(FFCAD6)	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(FFE7F2)	Ratio: 4.39 AA 18pt ²	Ratio: 1.17 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.62 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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