

Converting Colors - WCAG Matrix

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

Hex(F074A1) Hex(FF619A) Hex(F08574) Hex(786C70) Hex(B80043) Hex(380014)

	Hex(F074A1)	Hex(FF619A)	Hex(F08574)	Hex(786C70)	Hex(B80043)	Hex(380014)
Hex(F074A1)		Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 6.55 AA ¹ AAA 18pt ⁴
Hex(FF619A)	Ratio: 1.04 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(F08574)	Ratio: 1.08 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 7.05 Passed ⁶
Hex(786C70)	Ratio: 1.85 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(B80043)	Ratio: 2.47 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(380014)	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 7.05 Passed ⁶	Ratio: 3.55 AA 18pt ²	Ratio: 2.65 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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