

Converting Colors - WCAG Matrix

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

Hex(F571AA) Hex(FF59A1) Hex(71F579) Hex(7A6E73) Hex(BA0051) Hex(3B0019)

	Hex(F571AA)	Hex(FF59A1)	Hex(71F579)	Hex(7A6E73)	Hex(BA0051)	Hex(3B0019)
Hex(F571AA)		Ratio: 1.09 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 6.52 AA ¹ AAA 18pt ⁴
Hex(FF59A1)	Ratio: 1.09 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 6.00 AA ¹ AAA 18pt ⁴
Hex(71F579)	Ratio: 1.92 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 3.49 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 12.53 Passed ⁶
Hex(7A6E73)	Ratio: 1.82 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 3.49 AA 18pt ²		Ratio: 1.34 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(BA0051)	Ratio: 2.44 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.34 Failed ⁵		Ratio: 2.67 Failed ⁵
Hex(3B0019)	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 12.53 Passed ⁶	Ratio: 3.59 AA 18pt ²	Ratio: 2.67 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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