

Converting Colors - WCAG Matrix

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

Hex(C639A1) Hex(FF26C7) Hex(C6A339) Hex(635A61) Hex(A30079) Hex(24001A)

	Hex(C639A1)	Hex(FF26C7)	Hex(C6A339)	Hex(635A61)	Hex(A30079)	Hex(24001A)
Hex(C639A1)		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 4.13 AA 18pt ²
Hex(FF26C7)	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 5.83 AA ¹ AAA 18pt ⁴
Hex(C6A339)	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 2.75 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 7.98 Passed ⁶
Hex(635A61)	Ratio: 1.42 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.75 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(A30079)	Ratio: 1.59 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.60 Failed ⁵
Hex(24001A)	Ratio: 4.13 AA 18pt ²	Ratio: 5.83 AA ¹ AAA 18pt ⁴	Ratio: 7.98 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 2.60 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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