

Converting Colors - WCAG Matrix

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

Hex(893695) Hex(AF2FC2) Hex(953672) Hex(49434A) Hex(78008A) Hex(09000A)

	Hex(893695)	Hex(AF2FC2)	Hex(953672)	Hex(49434A)	Hex(78008A)	Hex(09000A)
Hex(893695)		Ratio: 1.32 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(AF2FC2)	Ratio: 1.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 3.95 AA 18pt ²
Hex(953672)	Ratio: 1.01 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(49434A)	Ratio: 1.38 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(78008A)	Ratio: 1.40 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.13 Failed ⁵
Hex(09000A)	Ratio: 2.98 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 2.13 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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