

Converting Colors - WCAG Matrix

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

Hex(530A72) Hex(886C94) Hex(0A2B72) Hex(43324A) Hex(C9C9C9) Hex(4A4A4A)

	Hex(530A72)	Hex(886C94)	Hex(0A2B72)	Hex(43324A)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(530A72)		Ratio: 2.79 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 7.67 Passed ⁶	Ratio: 1.43 Failed ⁵
Hex(886C94)	Ratio: 2.79 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(0A2B72)	Ratio: 1.03 Failed ⁵	Ratio: 2.88 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 7.92 Passed ⁶	Ratio: 1.48 Failed ⁵
Hex(43324A)	Ratio: 1.08 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 7.07 Passed ⁶	Ratio: 1.32 Failed ⁵
Hex(C9C9C9)	Ratio: 7.67 Passed ⁶	Ratio: 2.75 Failed ⁵	Ratio: 7.92 Passed ⁶	Ratio: 7.07 Passed ⁶		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.43 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴	

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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