

Converting Colors - WCAG Matrix

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

Hex(72036B) Hex(946991) Hex(0A0372) Hex(4A3048) Hex(C9C9C9) Hex(4A4A4A)

	Hex(72036B)	Hex(946991)	Hex(0A0372)	Hex(4A3048)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(72036B)		Ratio: 2.42 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(946991)	Ratio: 2.42 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(0A0372)	Ratio: 1.53 Failed ⁵	Ratio: 3.69 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 9.99 Passed ⁶	Ratio: 1.87 Failed ⁵
Hex(4A3048)	Ratio: 1.07 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 7.02 Passed ⁶	Ratio: 1.31 Failed ⁵
Hex(C9C9C9)	Ratio: 6.53 AA ¹ AAA 18pt ⁴	Ratio: 2.70 Failed ⁵	Ratio: 9.99 Passed ⁶	Ratio: 7.02 Passed ⁶		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.22 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.31 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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