

Converting Colors - WCAG Matrix

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

Hex(722D00) Hex(947968) Hex(720046) Hex(4A3A2F) Hex(C9C9C9) Hex(4A4A4A)

	Hex(722D00)	Hex(947968)	Hex(720046)	Hex(4A3A2F)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(722D00)		Ratio: 2.48 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(947968)	Ratio: 2.48 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(720046)	Ratio: 1.16 Failed ⁵	Ratio: 2.88 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 7.03 Passed ⁶	Ratio: 1.31 Failed ⁵
Hex(4A3A2F)	Ratio: 1.08 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(C9C9C9)	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 7.03 Passed ⁶	Ratio: 6.55 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.13 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.22 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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