

Converting Colors - WCAG Matrix

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

Hex(702C27) Hex(917674) Hex(70276D) Hex(4A3938) Hex(C9C9C9) Hex(4A4A4A)

	Hex(702C27)	Hex(917674)	Hex(70276D)	Hex(4A3938)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(702C27)		Ratio: 2.43 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(917674)	Ratio: 2.43 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(70276D)	Ratio: 1.06 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(4A3938)	Ratio: 1.07 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 6.56 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(C9C9C9)	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 6.56 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.14 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.23 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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