

Converting Colors - WCAG Matrix

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

Hex(704E4F) Hex(918485) Hex(6F4E70) Hex(4A4242) Hex(C9C9C9) Hex(4A4A4A)

	Hex(704E4F)	Hex(918485)	Hex(6F4E70)	Hex(4A4242)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(704E4F)		Ratio: 2.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(918485)	Ratio: 2.02 Failed ⁵		Ratio: 1.95 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(6F4E70)	Ratio: 1.04 Failed ⁵	Ratio: 1.95 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 1.27 Failed ⁵
Hex(4A4242)	Ratio: 1.35 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(C9C9C9)	Ratio: 4.39 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 5.90 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.22 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.10 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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