

Converting Colors - WCAG Matrix

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

Hex(715D6F) Hex(948D93) Hex(5F5D71) Hex(4A464A) Hex(C9C9C9) Hex(4A4A4A)

	Hex(715D6F)	Hex(948D93)	Hex(5F5D71)	Hex(4A464A)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(715D6F)		Ratio: 1.86 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(948D93)	Ratio: 1.86 Failed ⁵		Ratio: 1.97 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(5F5D71)	Ratio: 1.06 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 1.39 Failed ⁵
Hex(4A464A)	Ratio: 1.54 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(C9C9C9)	Ratio: 3.63 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 5.60 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.48 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.05 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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