

Converting Colors - WCAG Matrix

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

Hex(6B6A71) Hex(8F8E91) Hex(6A6F71) Hex(49484A) Hex(C9C9C9) Hex(4A4A4A)

	Hex(6B6A71)	Hex(8F8E91)	Hex(6A6F71)	Hex(49484A)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(6B6A71)		Ratio: 1.64 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.66 Failed ⁵
Hex(8F8E91)	Ratio: 1.64 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(6A6F71)	Ratio: 1.05 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.74 Failed ⁵
Hex(49484A)	Ratio: 1.70 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(C9C9C9)	Ratio: 3.23 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 5.49 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.66 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.03 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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