

Converting Colors - WCAG Matrix

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

Hex(6E6E70) Hex(909091) Hex(6E7070) Hex(49494A) Hex(C9C9C9) Hex(4A4A4A)

	Hex(6E6E70)	Hex(909091)	Hex(6E7070)	Hex(49494A)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(6E6E70)		Ratio: 1.60 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.74 Failed ⁵
Hex(909091)	Ratio: 1.60 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(6E7070)	Ratio: 1.02 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.80 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 1.78 Failed ⁵
Hex(49494A)	Ratio: 1.77 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(C9C9C9)	Ratio: 3.07 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.74 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.01 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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