

Converting Colors - WCAG Matrix

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

Hex(6F566D) Hex(918791) Hex(58566F) Hex(4A4449) Hex(C9C9C9) Hex(4A4A4A)

	Hex(6F566D)	Hex(918791)	Hex(58566F)	Hex(4A4449)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(6F566D)		Ratio: 1.88 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(918791)	Ratio: 1.88 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(58566F)	Ratio: 1.08 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 1.26 Failed ⁵
Hex(4A4449)	Ratio: 1.46 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(C9C9C9)	Ratio: 3.93 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.36 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.07 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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