

Converting Colors - WCAG Matrix

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

Hex(625A72) Hex(8E8B94) Hex(5A6A72) Hex(46454A) Hex(C9C9C9) Hex(4A4A4A)

	Hex(625A72)	Hex(8E8B94)	Hex(5A6A72)	Hex(46454A)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(625A72)		Ratio: 1.94 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.36 Failed ⁵
Hex(8E8B94)	Ratio: 1.94 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(5A6A72)	Ratio: 1.16 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(46454A)	Ratio: 1.46 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(C9C9C9)	Ratio: 3.93 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 5.74 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.36 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.58 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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