

Converting Colors - WCAG Matrix

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

Hex(217578) Hex(799A9C) Hex(217824) Hex(3A4E4F) Hex(CFCFCF) Hex(4F4F4F)

	Hex(217578)	Hex(799A9C)	Hex(217824)	Hex(3A4E4F)	Hex(CFCFCF)	Hex(4F4F4F)
Hex(217578)		Ratio: 1.78 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(799A9C)	Ratio: 1.78 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(217824)	Ratio: 1.03 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(3A4E4F)	Ratio: 1.63 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(CFCFCF)	Ratio: 3.47 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴		Ratio: 5.26 AA ¹ AAA 18pt ⁴
Hex(4F4F4F)	Ratio: 1.51 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.26 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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