

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(2E426B) Hex(747C8C) Hex(2E6B57) Hex(393E47) Hex(C7C7C7) Hex(474747)

Hex(2E426B)		Ratio: 2.37 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(747C8C)	Ratio: 2.37 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(2E6B57)	Ratio: 1.59 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.49 Failed ⁵
Hex(393E47)	Ratio: 1.08 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(C7C7C7)	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 2.48 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 6.36 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.07 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.50 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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