

Converting Colors - WCAG Matrix

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

Hex(484C67) Hex(797A85) Hex(486763) Hex(3B3C42) Hex(C2C2C2) Hex(424242)

	Hex(484C67)	Hex(797A85)	Hex(486763)	Hex(3B3C42)	Hex(C2C2C2)	Hex(424242)
Hex(484C67)		Ratio: 1.97 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(797A85)	Ratio: 1.97 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(486763)	Ratio: 1.36 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(3B3C42)	Ratio: 1.31 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(C2C2C2)	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 2.39 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 6.17 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.20 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 5.64 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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