

Converting Colors - WCAG Matrix

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

Hex(52636B) Hex(828A8C) Hex(526B59) Hex(424547) Hex(C7C7C7) Hex(474747)

	Hex(52636B)	Hex(828A8C)	Hex(526B59)	Hex(424547)	Hex(C7C7C7)	Hex(474747)
Hex(52636B)		Ratio: 1.78 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(828A8C)	Ratio: 1.78 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(526B59)	Ratio: 1.07 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(424547)	Ratio: 1.54 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(C7C7C7)	Ratio: 3.70 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(474747)	Ratio: 1.48 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.04 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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