

Converting Colors - WCAG Matrix

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

Hex(4D8D99) Hex(A9C2C7) Hex(4D9959) Hex(526163) Hex(E3E3E3) Hex(636363)

	Hex(4D8D99)	Hex(A9C2C7)	Hex(4D9959)	Hex(526163)	Hex(E3E3E3)	Hex(636363)
Hex(4D8D99)		Ratio: 2.01 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(A9C2C7)	Ratio: 2.01 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(4D9959)	Ratio: 1.08 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(526163)	Ratio: 1.72 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.85 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(E3E3E3)	Ratio: 2.93 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.60 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.68 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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