

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(4A9A9B) Hex(A9C9C9) Hex(4A9B4A) Hex(536666) Hex(E6E6E6) Hex(666666)

	Hex(4A9A9B)	Hex(A9C9C9)	Hex(4A9B4A)	Hex(536666)	Hex(E6E6E6)	Hex(666666)
Hex(4A9A9B)		Ratio: 1.86 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(A9C9C9)	Ratio: 1.86 Failed ⁵		Ratio: 1.96 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(4A9B4A)	Ratio: 1.05 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(536666)	Ratio: 1.85 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.76 Failed ⁵		Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(E6E6E6)	Ratio: 2.63 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.75 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.60 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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