

Converting Colors - WCAG Matrix

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

Hex(5A9690) Hex(ABC2BF) Hex(61965A) Hex(536160) Hex(E0E0E0) Hex(616161)

	Hex(5A9690)	Hex(ABC2BF)	Hex(61965A)	Hex(536160)	Hex(E0E0E0)	Hex(616161)
Hex(5A9690)		Ratio: 1.81 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(ABC2BF)	Ratio: 1.81 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(61965A)	Ratio: 1.03 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(536160)	Ratio: 1.91 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.85 Failed ⁵		Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(E0E0E0)	Ratio: 2.57 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴		Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(616161)	Ratio: 1.83 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.69 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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