

Converting Colors - WCAG Matrix

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

Hex(69995E) Hex(B3C7B0) Hex(998F5E) Hex(596357) Hex(E3E3E3) Hex(636363)

	Hex(69995E)	Hex(B3C7B0)	Hex(998F5E)	Hex(596357)	Hex(E3E3E3)	Hex(636363)
Hex(69995E)		Ratio: 1.85 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(B3C7B0)	Ratio: 1.85 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(998F5E)	Ratio: 1.02 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(596357)	Ratio: 1.89 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.93 Failed ⁵		Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(E3E3E3)	Ratio: 2.59 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.81 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 1.04 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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