

Converting Colors - WCAG Matrix

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

Hex(6C9B92) Hex(B7C9C6) Hex(759B6C) Hex(5B6664) Hex(E6E6E6) Hex(666666)

	Hex(6C9B92)	Hex(B7C9C6)	Hex(759B6C)	Hex(5B6664)	Hex(E6E6E6)	Hex(666666)
Hex(6C9B92)		Ratio: 1.81 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.84 Failed ⁵
Hex(B7C9C6)	Ratio: 1.81 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 3.33 AA 18pt ²
Hex(759B6C)	Ratio: 1.01 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(5B6664)	Ratio: 1.91 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 1.89 Failed ⁵		Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(E6E6E6)	Ratio: 2.50 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴		Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(666666)	Ratio: 1.84 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 1.04 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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