

Converting Colors - WCAG Matrix

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

Hex(959695) Hex(C0C2C0) Hex(959696) Hex(494A49) Hex(008A00) Hex(000A00)

	Hex(959695)	Hex(C0C2C0)	Hex(959696)	Hex(494A49)	Hex(008A00)	Hex(000A00)
Hex(959695)		Ratio: 1.66 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 6.78 AA ¹ AAA 18pt ⁴
Hex(C0C2C0)	Ratio: 1.66 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 2.53 Failed ⁵	Ratio: 11.23 Passed ⁶
Hex(959696)	Ratio: 1.00 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.00 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴
Hex(494A49)	Ratio: 3.00 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²		Ratio: 1.96 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(008A00)	Ratio: 1.53 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.96 Failed ⁵		Ratio: 4.44 AA 18pt ²
Hex(000A00)	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 11.23 Passed ⁶	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 2.26 Failed ⁵	Ratio: 4.44 AA 18pt ²	

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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