

Converting Colors - WCAG Matrix

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

Hex(9AA29E) Hex(C7D4CE) Hex(9AA2A2) Hex(4C524F) Hex(009150) Hex(00120A)

Hex(9AA29E)		Ratio: 1.71 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 7.37 Passed ⁶
Hex(C7D4CE)	Ratio: 1.71 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 2.66 Failed ⁵	Ratio: 12.59 Passed ⁶
Hex(9AA2A2)	Ratio: 1.00 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 3.07 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 7.39 Passed ⁶
Hex(4C524F)	Ratio: 3.06 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²		Ratio: 1.97 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(009150)	Ratio: 1.56 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 4.74 AA ¹ AAA 18pt ⁴
Hex(00120A)	Ratio: 7.37 Passed ⁶	Ratio: 12.59 Passed ⁶	Ratio: 7.39 Passed ⁶	Ratio: 2.41 Failed ⁵	Ratio: 4.74 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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