

Converting Colors - WCAG Matrix

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

Hex(A0A7A0) Hex(CED9CE) Hex(A0A7A3) Hex(4F544F) Hex(009400) Hex(001400)

Hex(A0A7A0)		Ratio: 1.69 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 7.75 Passed ⁶
Hex(CED9CE)	Ratio: 1.69 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 2.76 Failed ⁵	Ratio: 13.13 Passed ⁶
Hex(A0A7A3)	Ratio: 1.00 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 7.77 Passed ⁶
Hex(4F544F)	Ratio: 3.14 AA 18pt ²	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²		Ratio: 1.93 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(009400)	Ratio: 1.63 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 4.76 AA ¹ AAA 18pt ⁴
Hex(001400)	Ratio: 7.75 Passed ⁶	Ratio: 13.13 Passed ⁶	Ratio: 7.77 Passed ⁶	Ratio: 2.47 Failed ⁵	Ratio: 4.76 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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