

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(9BA18E) Hex(C8D1B4) Hex(92A18E) Hex(4F5249) Hex(679100) Hex(0D1200)

Hex(9BA18E)		Ratio: 1.68 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 7.14 Passed ⁶
Hex(C8D1B4)	Ratio: 1.68 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 11.99 Passed ⁶
Hex(92A18E)	Ratio: 1.02 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.93 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 6.99 AA ¹ AAA 18pt ⁴
Hex(4F5249)	Ratio: 2.99 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 2.93 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(679100)	Ratio: 1.40 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 5.10 AA ¹ AAA 18pt ⁴
Hex(0D1200)	Ratio: 7.14 Passed ⁶	Ratio: 11.99 Passed ⁶	Ratio: 6.99 AA ¹ AAA 18pt ⁴	Ratio: 2.39 Failed ⁵	Ratio: 5.10 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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