

Converting Colors - WCAG Matrix

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

Hex(9DB49E) Hex(C7EBC9) Hex(9DB4A9) Hex(505951) Hex(009907) Hex(001A01)

	Hex(9DB49E)	Hex(C7EBC9)	Hex(9DB4A9)	Hex(505951)	Hex(009907)	Hex(001A01)
Hex(9DB49E)		Ratio: 1.71 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 8.24 Passed ⁶
Hex(C7EBC9)	Ratio: 1.71 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 2.91 Failed ⁵	Ratio: 14.07 Passed ⁶
Hex(9DB4A9)	Ratio: 1.01 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 8.30 Passed ⁶
Hex(505951)	Ratio: 3.27 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²		Ratio: 1.92 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(009907)	Ratio: 1.70 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(001A01)	Ratio: 8.24 Passed ⁶	Ratio: 14.07 Passed ⁶	Ratio: 8.30 Passed ⁶	Ratio: 2.52 Failed ⁵	Ratio: 4.84 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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