

Converting Colors - WCAG Matrix

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

Hex(9DB2B1) Hex(C8E8E7) Hex(9DA9B2) Hex(505959) Hex(009992) Hex(001918)

Hex(9DB2B1)		Ratio: 1.71 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 8.19 Passed ⁶
Hex(C8E8E7)	Ratio: 1.71 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 2.70 Failed ⁵	Ratio: 14.02 Passed ⁶
Hex(9DA9B2)	Ratio: 1.08 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 3.00 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 7.60 Passed ⁶
Hex(505959)	Ratio: 3.24 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²		Ratio: 2.05 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(009992)	Ratio: 1.58 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 5.18 AA ¹ AAA 18pt ⁴
Hex(001918)	Ratio: 8.19 Passed ⁶	Ratio: 14.02 Passed ⁶	Ratio: 7.60 Passed ⁶	Ratio: 2.53 Failed ⁵	Ratio: 5.18 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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