

Converting Colors - WCAG Matrix

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

Hex(81B2B1) Hex(9BE8E6) Hex(819BB2) Hex(505959) Hex(009996) Hex(001A19)

	Hex(81B2B1)	Hex(9BE8E6)	Hex(819BB2)	Hex(505959)	Hex(009996)	Hex(001A19)
Hex(81B2B1)		Ratio: 1.69 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 7.69 Passed ⁶
Hex(9BE8E6)	Ratio: 1.69 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 12.98 Passed ⁶
Hex(819BB2)	Ratio: 1.23 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 6.25 AA ¹ AAA 18pt ⁴
Hex(505959)	Ratio: 3.07 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 2.49 Failed ⁵		Ratio: 2.06 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(009996)	Ratio: 1.49 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.06 Failed ⁵		Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(001A19)	Ratio: 7.69 Passed ⁶	Ratio: 12.98 Passed ⁶	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 5.16 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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