

Converting Colors - WCAG Matrix

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

Hex(99DBDB) Hex(A3FFFF) Hex(99BADB) Hex(636E6E) Hex(00ADAD) Hex(002E2E)

	Hex(99DBDB)	Hex(A3FFFF)	Hex(99BADB)	Hex(636E6E)	Hex(00ADAD)	Hex(002E2E)
Hex(99DBDB)		Ratio: 1.35 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 9.45 Passed ⁶
Hex(A3FFFF)	Ratio: 1.35 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 2.41 Failed ⁵	Ratio: 12.80 Passed ⁶
Hex(99BADB)	Ratio: 1.30 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 2.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 7.27 Passed ⁶
Hex(636E6E)	Ratio: 3.39 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 2.61 Failed ⁵		Ratio: 1.90 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(00ADAD)	Ratio: 1.78 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 5.30 AA ¹ AAA 18pt ⁴
Hex(002E2E)	Ratio: 9.45 Passed ⁶	Ratio: 12.80 Passed ⁶	Ratio: 7.27 Passed ⁶	Ratio: 2.79 Failed ⁵	Ratio: 5.30 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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