

Converting Colors - WCAG Matrix

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

Hex(39F7EE) Hex(14FFF4) Hex(39A2F7) Hex(6E7A7A) Hex(00BAB1) Hex(003B38)

	Hex(39F7EE)	Hex(14FFF4)	Hex(39A2F7)	Hex(6E7A7A)	Hex(00BAB1)	Hex(003B38)
Hex(39F7EE)		Ratio: 1.06 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 1.81 Failed ⁵	Ratio: 9.34 Passed ⁶
Hex(14FFF4)	Ratio: 1.06 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 9.89 Passed ⁶
Hex(39A2F7)	Ratio: 2.04 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(6E7A7A)	Ratio: 3.32 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 1.63 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(00BAB1)	Ratio: 1.81 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 5.15 AA ¹ AAA 18pt ⁴
Hex(003B38)	Ratio: 9.34 Passed ⁶	Ratio: 9.89 Passed ⁶	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 2.81 Failed ⁵	Ratio: 5.15 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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