

Converting Colors - WCAG Matrix

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

Hex(737373) Hex(969696) Hex(3B3B3B) Hex(007A7A) Hex(00FAFA)

	Hex(737373)	Hex(969696)	Hex(3B3B3B)	Hex(007A7A)	Hex(00FAFA)
Hex(737373)		Ratio: 1.60 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(969696)	Ratio: 1.60 Failed ⁵		Ratio: 3.79 AA 18pt ²	Ratio: 1.75 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(3B3B3B)	Ratio: 2.36 Failed ⁵	Ratio: 3.79 AA 18pt ²		Ratio: 2.17 Failed ⁵	Ratio: 8.56 Passed ⁶
Hex(007A7A)	Ratio: 1.09 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 3.95 AA 18pt ²
Hex(00FAFA)	Ratio: 3.63 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 8.56 Passed ⁶	Ratio: 3.95 AA 18pt ²	

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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