

Converting Colors - WCAG Matrix

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

	Hex(707B7B)	Hex(8FA1A1)	Hex(70757B)	Hex(373D3D)	Hex(007D7D)	Hex(00FCFC)
Hex(707B7B)		Ratio: 1.62 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(8FA1A1)	Ratio: 1.62 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(70757B)	Ratio: 1.06 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(373D3D)	Ratio: 2.53 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 2.38 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 8.61 Passed ⁶
Hex(007D7D)	Ratio: 1.14 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 3.86 AA 18pt ²
Hex(00FCFC)	Ratio: 3.40 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 8.61 Passed ⁶	Ratio: 3.86 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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