

Converting Colors - WCAG Matrix

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

Hex(487A78) Hex(4F9E9B) Hex(48637A) Hex(373D3D) Hex(007D79) Hex(00FCF4)

	Hex(487A78)	Hex(4F9E9B)	Hex(48637A)	Hex(373D3D)	Hex(007D79)	Hex(00FCF4)
Hex(487A78)		Ratio: 1.55 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.75 AA 18pt ²
Hex(4F9E9B)	Ratio: 1.55 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(48637A)	Ratio: 1.30 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴
Hex(373D3D)	Ratio: 2.28 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.76 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 8.55 Passed ⁶
Hex(007D79)	Ratio: 1.03 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 3.86 AA 18pt ²
Hex(00FCF4)	Ratio: 3.75 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 8.55 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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