

Converting Colors - WCAG Matrix

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

Hex(007A68) Hex(009E88) Hex(00527A) Hex(373D3D) Hex(007D69) Hex(00FCD7)

	Hex(007A68)	Hex(009E88)	Hex(00527A)	Hex(373D3D)	Hex(007D69)	Hex(00FCD7)
Hex(007A68)		Ratio: 1.57 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.99 AA 18pt ²
Hex(009E88)	Ratio: 1.57 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(00527A)	Ratio: 1.60 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 6.39 AA ¹ AAA 18pt ⁴
Hex(373D3D)	Ratio: 2.10 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.31 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 8.38 Passed ⁶
Hex(007D69)	Ratio: 1.04 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 3.84 AA 18pt ²
Hex(00FCD7)	Ratio: 3.99 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 6.39 AA ¹ AAA 18pt ⁴	Ratio: 8.38 Passed ⁶	Ratio: 3.84 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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