

Converting Colors - WCAG Matrix

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

Hex(3E7A6A) Hex(419E85) Hex(3E6C7A) Hex(373D3C) Hex(007D5C) Hex(00FCB9)

	Hex(3E7A6A)	Hex(419E85)	Hex(3E6C7A)	Hex(373D3C)	Hex(007D5C)	Hex(00FCB9)
Hex(3E7A6A)		Ratio: 1.54 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(419E85)	Ratio: 1.54 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(3E6C7A)	Ratio: 1.16 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 4.30 AA 18pt ²
Hex(373D3C)	Ratio: 2.21 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 1.92 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 8.24 Passed ⁶
Hex(007D5C)	Ratio: 1.03 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 3.82 AA 18pt ²
Hex(00FCB9)	Ratio: 3.72 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 8.24 Passed ⁶	Ratio: 3.82 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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