

Converting Colors - WCAG Matrix

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

Hex(557A6B) Hex(659E87) Hex(55777A) Hex(373D3B) Hex(007D4A) Hex(00FC96)

	Hex(557A6B)	Hex(659E87)	Hex(55777A)	Hex(373D3B)	Hex(007D4A)	Hex(00FC96)
Hex(557A6B)		Ratio: 1.55 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(659E87)	Ratio: 1.55 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(55777A)	Ratio: 1.02 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(373D3B)	Ratio: 2.32 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.27 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 8.12 Passed ⁶
Hex(007D4A)	Ratio: 1.09 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 3.81 AA 18pt ²
Hex(00FC96)	Ratio: 3.51 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 8.12 Passed ⁶	Ratio: 3.81 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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