

Converting Colors - WCAG Matrix

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

Hex(557273) Hex(689596) Hex(556373) Hex(353A3B) Hex(00767A) Hex(00F0FA)

	Hex(557273)	Hex(689596)	Hex(556373)	Hex(353A3B)	Hex(00767A)	Hex(00F0FA)
Hex(557273)		Ratio: 1.57 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(689596)	Ratio: 1.57 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(556373)	Ratio: 1.18 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 4.34 AA 18pt ²
Hex(353A3B)	Ratio: 2.22 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.88 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 8.16 Passed ⁶
Hex(00767A)	Ratio: 1.04 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 3.83 AA 18pt ²
Hex(00F0FA)	Ratio: 3.67 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 8.16 Passed ⁶	Ratio: 3.83 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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