

Converting Colors - WCAG Matrix

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

Hex(0FDCFA) Hex(00DEFF) Hex(0F69FA) Hex(707B7D) Hex(00A5BD) Hex(00353D)

	Hex(0FDCFA)	Hex(00DEFF)	Hex(0F69FA)	Hex(707B7D)	Hex(00A5BD)	Hex(00353D)
Hex(0FDCFA)		Ratio: 1.02 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 8.02 Passed ⁶
Hex(00DEFF)	Ratio: 1.02 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 8.18 Passed ⁶
Hex(0F69FA)	Ratio: 2.86 Failed ⁵	Ratio: 2.92 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(707B7D)	Ratio: 2.62 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(00A5BD)	Ratio: 1.78 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(00353D)	Ratio: 8.02 Passed ⁶	Ratio: 8.18 Passed ⁶	Ratio: 2.80 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 4.51 AA ¹ AAA 18pt ⁴	

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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