

Converting Colors - WCAG Matrix

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

Hex(DCE2E3) Hex(F5FDFF) Hex(DCDEE3) Hex(6D7273) Hex(008FB3) Hex(002933)

	Hex(DCE2E3)	Hex(F5FDFF)	Hex(DCDEE3)	Hex(6D7273)	Hex(008FB3)	Hex(002933)
Hex(DCE2E3)		Ratio: 1.27 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 11.74 Passed ⁶
Hex(F5FDFF)	Ratio: 1.27 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²	Ratio: 14.93 Passed ⁶
Hex(DCDEE3)	Ratio: 1.03 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 11.43 Passed ⁶
Hex(6D7273)	Ratio: 3.72 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(008FB3)	Ratio: 2.87 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 4.09 AA 18pt ²
Hex(002933)	Ratio: 11.74 Passed ⁶	Ratio: 14.93 Passed ⁶	Ratio: 11.43 Passed ⁶	Ratio: 3.15 AA 18pt ²	Ratio: 4.09 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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