

Converting Colors - WCAG Matrix

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

Hex(DCF4F9) Hex(DBF9FF) Hex(DCE6F9) Hex(707B7D) Hex(009CBD) Hex(00333D)

	Hex(DCF4F9)	Hex(DBF9FF)	Hex(DCE6F9)	Hex(707B7D)	Hex(009CBD)	Hex(00333D)
Hex(DCF4F9)		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 11.91 Passed ⁶
Hex(DBF9FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 12.33 Passed ⁶
Hex(DCE6F9)	Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 10.86 Passed ⁶
Hex(707B7D)	Ratio: 3.81 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 3.47 AA 18pt ²		Ratio: 1.35 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(009CBD)	Ratio: 2.83 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 4.21 AA 18pt ²
Hex(00333D)	Ratio: 11.91 Passed ⁶	Ratio: 12.33 Passed ⁶	Ratio: 10.86 Passed ⁶	Ratio: 3.13 AA 18pt ²	Ratio: 4.21 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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