

Converting Colors - WCAG Matrix

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

Hex(D8DEFF) Hex(D1D8FF) Hex(E5D8FF) Hex(737580) Hex(001DBF) Hex(000A40)

Hex(D8DEFF)		Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 8.20 Passed ⁶	Ratio: 14.15 Passed ⁶
Hex(D1D8FF)	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 7.77 Passed ⁶	Ratio: 13.40 Passed ⁶
Hex(E5D8FF)	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.40 AA 18pt ²	Ratio: 8.09 Passed ⁶	Ratio: 13.96 Passed ⁶
Hex(737580)	Ratio: 3.45 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 3.40 AA 18pt ²		Ratio: 2.38 Failed ⁵	Ratio: 4.10 AA 18pt ²
Hex(001DBF)	Ratio: 8.20 Passed ⁶	Ratio: 7.77 Passed ⁶	Ratio: 8.09 Passed ⁶	Ratio: 2.38 Failed ⁵		Ratio: 1.73 Failed ⁵
Hex(000A40)	Ratio: 14.15 Passed ⁶	Ratio: 13.40 Passed ⁶	Ratio: 13.96 Passed ⁶	Ratio: 4.10 AA 18pt ²	Ratio: 1.73 Failed ⁵	

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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