

Converting Colors - WCAG Matrix

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

Hex(D1D2F3) Hex(D4D5FF) Hex(E1D1F3) Hex(6E6F7A) Hex(0005BA) Hex(00023B)

Hex(D1D2F3)		Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 8.22 Passed ⁶	Ratio: 13.27 Passed ⁶
Hex(D4D5FF)	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 8.53 Passed ⁶	Ratio: 13.77 Passed ⁶
Hex(E1D1F3)	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.47 AA 18pt ²	Ratio: 8.44 Passed ⁶	Ratio: 13.64 Passed ⁶
Hex(6E6F7A)	Ratio: 3.37 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 3.47 AA 18pt ²		Ratio: 2.44 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(0005BA)	Ratio: 8.22 Passed ⁶	Ratio: 8.53 Passed ⁶	Ratio: 8.44 Passed ⁶	Ratio: 2.44 Failed ⁵		Ratio: 1.61 Failed ⁵
Hex(00023B)	Ratio: 13.27 Passed ⁶	Ratio: 13.77 Passed ⁶	Ratio: 13.64 Passed ⁶	Ratio: 3.94 AA 18pt ²	Ratio: 1.61 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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