

Converting Colors - WCAG Matrix

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

Hex(DFE8F9) Hex(DEE9FF) Hex(E3DFF9) Hex(70757D) Hex(0041BD) Hex(00153D)

	Hex(DFE8F9)	Hex(DEE9FF)	Hex(E3DFF9)	Hex(70757D)	Hex(0041BD)	Hex(00153D)
Hex(DFE8F9)		Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 14.51 Passed ⁶
Hex(DEE9FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 14.65 Passed ⁶
Hex(E3DFF9)	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.57 AA 18pt ²	Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 13.78 Passed ⁶
Hex(70757D)	Ratio: 3.76 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 3.57 AA 18pt ²		Ratio: 1.82 Failed ⁵	Ratio: 3.86 AA 18pt ²
Hex(0041BD)	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 6.91 AA ¹ AAA 18pt ⁴	Ratio: 6.50 AA ¹ AAA 18pt ⁴	Ratio: 1.82 Failed ⁵		Ratio: 2.12 Failed ⁵
Hex(00153D)	Ratio: 14.51 Passed ⁶	Ratio: 14.65 Passed ⁶	Ratio: 13.78 Passed ⁶	Ratio: 3.86 AA 18pt ²	Ratio: 2.12 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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