

Converting Colors - WCAG Matrix

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

Hex(EDF6FF) Hex(EBF5FF) Hex(EDEDFF) Hex(737980) Hex(005FBF) Hex(002040)

	Hex(EDF6FF)	Hex(EBF5FF)	Hex(EDEDFF)	Hex(737980)	Hex(005FBF)	Hex(002040)
Hex(EDF6FF)		Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 15.01 Passed ⁶
Hex(EBF5FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 14.87 Passed ⁶
Hex(EDEDFF)	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.80 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 14.18 Passed ⁶
Hex(737980)	Ratio: 4.03 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 3.80 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 3.73 AA 18pt ²
Hex(005FBF)	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.41 Failed ⁵		Ratio: 2.65 Failed ⁵
Hex(002040)	Ratio: 15.01 Passed ⁶	Ratio: 14.87 Passed ⁶	Ratio: 14.18 Passed ⁶	Ratio: 3.73 AA 18pt ²	Ratio: 2.65 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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