

Converting Colors - WCAG Matrix

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

Hex(D6E8FF) Hex(CFE3FF) Hex(D9D6FF) Hex(737880) Hex(0054BF) Hex(001C40)

	Hex(D6E8FF)	Hex(CFE3FF)	Hex(D9D6FF)	Hex(737880)	Hex(0054BF)	Hex(001C40)
Hex(D6E8FF)		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 13.58 Passed ⁶
Hex(CFE3FF)	Ratio: 1.05 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 12.97 Passed ⁶
Hex(D9D6FF)	Ratio: 1.12 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.18 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 12.11 Passed ⁶
Hex(737880)	Ratio: 3.56 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 3.18 AA 18pt ²		Ratio: 1.57 Failed ⁵	Ratio: 3.81 AA 18pt ²
Hex(0054BF)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.57 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(001C40)	Ratio: 13.58 Passed ⁶	Ratio: 12.97 Passed ⁶	Ratio: 12.11 Passed ⁶	Ratio: 3.81 AA 18pt ²	Ratio: 2.44 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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