

Converting Colors - WCAG Matrix

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

Hex(CEE4FF) Hex(C4DFFF) Hex(D0CEFF) Hex(737880) Hex(0056BF) Hex(001D40)

	Hex(CEE4FF)	Hex(C4DFFF)	Hex(D0CEFF)	Hex(737880)	Hex(0056BF)	Hex(001D40)
Hex(CEE4FF)		Ratio: 1.05 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 12.93 Passed ⁶
Hex(C4DFFF)	Ratio: 1.05 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 12.28 Passed ⁶
Hex(D0CEFF)	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.95 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 11.17 Passed ⁶
Hex(737880)	Ratio: 3.42 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 2.95 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(0056BF)	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 1.53 Failed ⁵		Ratio: 2.47 Failed ⁵
Hex(001D40)	Ratio: 12.93 Passed ⁶	Ratio: 12.28 Passed ⁶	Ratio: 11.17 Passed ⁶	Ratio: 3.78 AA 18pt ²	Ratio: 2.47 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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