

Converting Colors - WCAG Matrix

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

Hex(C2D1E0) Hex(D6EBFF) Hex(C2C2E0) Hex(666B70) Hex(0059B0) Hex(001730)

	Hex(C2D1E0)	Hex(D6EBFF)	Hex(C2C2E0)	Hex(666B70)	Hex(0059B0)	Hex(001730)
Hex(C2D1E0)		Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.41 AA 18pt ²	Ratio: 11.58 Passed ⁶
Hex(D6EBFF)	Ratio: 1.27 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.40 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 14.75 Passed ⁶
Hex(C2C2E0)	Ratio: 1.12 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 3.10 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 10.37 Passed ⁶
Hex(666B70)	Ratio: 3.46 AA 18pt ²	Ratio: 4.40 AA 18pt ²	Ratio: 3.10 AA 18pt ²		Ratio: 1.28 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(0059B0)	Ratio: 4.41 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²	Ratio: 1.28 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(001730)	Ratio: 11.58 Passed ⁶	Ratio: 14.75 Passed ⁶	Ratio: 10.37 Passed ⁶	Ratio: 3.35 AA 18pt ²	Ratio: 2.62 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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