

Converting Colors - WCAG Matrix

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

Hex(C3C7D4) Hex(E6ECFF) Hex(C7C3D4) Hex(60636B) Hex(0028AB) Hex(000A2B)

	Hex(C3C7D4)	Hex(E6ECFF)	Hex(C7C3D4)	Hex(60636B)	Hex(0028AB)	Hex(000A2B)
Hex(C3C7D4)		Ratio: 1.43 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 11.54 Passed ⁶
Hex(E6ECFF)	Ratio: 1.43 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 9.41 Passed ⁶	Ratio: 16.51 Passed ⁶
Hex(C7C3D4)	Ratio: 1.02 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 3.49 AA 18pt ²	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 11.30 Passed ⁶
Hex(60636B)	Ratio: 3.56 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 3.49 AA 18pt ²		Ratio: 1.85 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(0028AB)	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 9.41 Passed ⁶	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 1.85 Failed ⁵		Ratio: 1.75 Failed ⁵
Hex(000A2B)	Ratio: 11.54 Passed ⁶	Ratio: 16.51 Passed ⁶	Ratio: 11.30 Passed ⁶	Ratio: 3.24 AA 18pt ²	Ratio: 1.75 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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