

Converting Colors - WCAG Matrix

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

Hex(3861DA) Hex(1C56FF) Hex(5E38DA) Hex(63656E) Hex(002CAD) Hex(000C2E)

	Hex(3861DA)	Hex(1C56FF)	Hex(5E38DA)	Hex(63656E)	Hex(002CAD)	Hex(000C2E)
Hex(3861DA)		Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(1C56FF)	Ratio: 1.02 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(5E38DA)	Ratio: 1.27 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(63656E)	Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(002CAD)	Ratio: 1.98 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 1.80 Failed ⁵
Hex(000C2E)	Ratio: 3.56 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.80 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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