

Converting Colors - WCAG Matrix

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

Hex(3DA1DB) Hex(21ADFF) Hex(3D52DB) Hex(636A6E) Hex(006DAD) Hex(001D2E)

	Hex(3DA1DB)	Hex(21ADFF)	Hex(3D52DB)	Hex(636A6E)	Hex(006DAD)	Hex(001D2E)
Hex(3DA1DB)		Ratio: 1.16 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 6.02 AA ¹ AAA 18pt ⁴
Hex(21ADFF)	Ratio: 1.16 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 6.98 AA ¹ AAA 18pt ⁴
Hex(3D52DB)	Ratio: 2.13 Failed ⁵	Ratio: 2.48 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(636A6E)	Ratio: 1.92 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(006DAD)	Ratio: 1.93 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.12 AA 18pt ²
Hex(001D2E)	Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 3.12 AA 18pt ²	

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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