

Converting Colors - WCAG Matrix

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

Hex(1D8FCB) Hex(00A7FF) Hex(1D3ACB) Hex(5C6266) Hex(006DA6) Hex(001926)

	Hex(1D8FCB)	Hex(00A7FF)	Hex(1D3ACB)	Hex(5C6266)	Hex(006DA6)	Hex(001926)
Hex(1D8FCB)		Ratio: 1.36 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 5.01 AA ¹ AAA 18pt ⁴
Hex(00A7FF)	Ratio: 1.36 Failed ⁵		Ratio: 3.16 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 6.83 AA ¹ AAA 18pt ⁴
Hex(1D3ACB)	Ratio: 2.32 Failed ⁵	Ratio: 3.16 AA 18pt ²		Ratio: 1.35 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(5C6266)	Ratio: 1.72 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(006DA6)	Ratio: 1.56 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 3.20 AA 18pt ²
Hex(001926)	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 6.83 AA ¹ AAA 18pt ⁴	Ratio: 2.16 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.20 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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