

Converting Colors - WCAG Matrix

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

Hex(1D8BB9) Hex(00AAF0) Hex(1D3FB9) Hex(53595C) Hex(006E9C) Hex(00141C)

	Hex(1D8BB9)	Hex(00AAF0)	Hex(1D3FB9)	Hex(53595C)	Hex(006E9C)	Hex(00141C)
Hex(1D8BB9)		Ratio: 1.47 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(00AAF0)	Ratio: 1.47 Failed ⁵		Ratio: 3.25 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 7.17 Passed ⁶
Hex(1D3FB9)	Ratio: 2.21 Failed ⁵	Ratio: 3.25 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(53595C)	Ratio: 1.85 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(006E9C)	Ratio: 1.47 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.32 AA 18pt ²
Hex(00141C)	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 7.17 Passed ⁶	Ratio: 2.21 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.32 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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