

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(107EA1) Hex(009FD1) Hex(1037A1) Hex(495052) Hex(006F91) Hex(000E12)

Hex(107EA1)		Ratio: 1.52 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 4.22 AA 18pt ²
Hex(009FD1)	Ratio: 1.52 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 6.42 AA ¹ AAA 18pt ⁴
Hex(1037A1)	Ratio: 2.17 Failed ⁵	Ratio: 3.30 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(495052)	Ratio: 1.77 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(006F91)	Ratio: 1.23 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 3.44 AA 18pt ²
Hex(000E12)	Ratio: 4.22 AA 18pt ²	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 1.94 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 3.44 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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