

Converting Colors - WCAG Matrix

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

Hex(165EA7) Hex(006CD9) Hex(1616A7) Hex(4C5054) Hex(004A94) Hex(000A14)

	Hex(165EA7)	Hex(006CD9)	Hex(1616A7)	Hex(4C5054)	Hex(004A94)	Hex(000A14)
Hex(165EA7)		Ratio: 1.30 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(006CD9)	Ratio: 1.30 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(1616A7)	Ratio: 1.87 Failed ⁵	Ratio: 2.43 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(4C5054)	Ratio: 1.24 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(004A94)	Ratio: 1.33 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(000A14)	Ratio: 3.03 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 1.62 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.28 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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