

Converting Colors - WCAG Matrix

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

Hex(16243F) Hex(122852) Hex(1C163F) Hex(1C1D1F) Hex(00205E) Hex(004CDE)

	Hex(16243F)	Hex(122852)	Hex(1C163F)	Hex(1C1D1F)	Hex(00205E)	Hex(004CDE)
Hex(16243F)		Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(122852)	Ratio: 1.07 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(1C163F)	Ratio: 1.10 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(1C1D1F)	Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(00205E)	Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.26 Failed ⁵
Hex(004CDE)	Ratio: 2.27 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.26 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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