

Converting Colors - WCAG Matrix

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

	Hex(1D5F7D)	Hex(004764)	Hex(00314C)	Hex(001C35)	Hex(000220)	Hex(000004)	Hex(000000)
Hex(1D5F7D)		Ratio: 1.43 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(004764)	Ratio: 1.43 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(00314C)	Ratio: 1.93 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(001C35)	Ratio: 2.45 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(000220)	Ratio: 2.90 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(000004)	Ratio: 2.98 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 2.99 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 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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