

Converting Colors - WCAG Matrix

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

Hex(024197) Hex(002C7D) Hex(001863) Hex(00004B) Hex(000433) Hex(00021D) Hex(000000)

	Hex(024197)	Hex(002C7D)	Hex(001863)	Hex(00004B)	Hex(000433)	Hex(00021D)	Hex(000000)
Hex(024197)		Ratio: 1.33 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(002C7D)	Ratio: 1.33 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(001863)	Ratio: 1.68 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(00004B)	Ratio: 2.00 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(000433)	Ratio: 2.07 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(00021D)	Ratio: 2.15 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 2.21 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 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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