

Converting Colors - WCAG Matrix

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

	Hex(1B5E9D)	Hex(004783)	Hex(003169)	Hex(001D51)	Hex(000539)	Hex(000223)	Hex(000009)	Hex(000000)
Hex(1B5E9D)		Ratio: 1.41 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.12 AA 18pt ²	Ratio: 3.13 AA 18pt ²
Hex(004783)	Ratio: 1.41 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(003169)	Ratio: 1.91 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(001D51)	Ratio: 2.42 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(000539)	Ratio: 2.90 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(000223)	Ratio: 3.03 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(000009)	Ratio: 3.12 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 3.13 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.08 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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