

Converting Colors - WCAG Matrix

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

Hex(0052D1) Hex(003CB5) Hex(002799) Hex(00157F) Hex(FFFFFF)

	Hex(0052D1)	Hex(003CB5)	Hex(002799)	Hex(00157F)	Hex(FFFFFF)
Hex(0052D1)		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 6.71 AA ¹ AAA 18pt ⁴
Hex(003CB5)	Ratio: 1.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 9.08 Passed ⁶
Hex(002799)	Ratio: 1.79 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 12.00 Passed ⁶
Hex(00157F)	Ratio: 2.21 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 14.85 Passed ⁶
Hex(FFFFFF)	Ratio: 6.71 AA ¹ AAA 18pt ⁴	Ratio: 9.08 Passed ⁶	Ratio: 12.00 Passed ⁶	Ratio: 14.85 Passed ⁶	

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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