

Converting Colors - WCAG Matrix

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

Hex(0000C5) Hex(0000FF) Hex(6200C5) Hex(5A5A63) Hex(0000A3) Hex(000024)

	Hex(0000C5)	Hex(0000FF)	Hex(6200C5)	Hex(5A5A63)	Hex(0000A3)	Hex(000024)
Hex(0000C5)		Ratio: 1.35 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(0000FF)	Ratio: 1.35 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(6200C5)	Ratio: 1.29 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(5A5A63)	Ratio: 1.70 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.01 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(0000A3)	Ratio: 1.18 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 1.49 Failed ⁵
Hex(000024)	Ratio: 1.76 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 1.49 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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