

Converting Colors - WCAG Matrix

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

Hex(2171AD) Hex(0783E0) Hex(212DAD) Hex(4E5357) Hex(005696) Hex(000D17)

	Hex(2171AD)	Hex(0783E0)	Hex(212DAD)	Hex(4E5357)	Hex(005696)	Hex(000D17)
Hex(2171AD)		Ratio: 1.32 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(0783E0)	Ratio: 1.32 Failed ⁵		Ratio: 2.61 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 4.98 AA ¹ AAA 18pt ⁴
Hex(212DAD)	Ratio: 1.97 Failed ⁵	Ratio: 2.61 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(4E5357)	Ratio: 1.49 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(005696)	Ratio: 1.45 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(000D17)	Ratio: 3.77 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 1.91 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.59 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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