

Converting Colors - WCAG Matrix

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

Hex(006FDE) Hex(007FFF) Hex(0000DE) Hex(656B70) Hex(0058B0) Hex(001830)

	Hex(006FDE)	Hex(007FFF)	Hex(0000DE)	Hex(656B70)	Hex(0058B0)	Hex(001830)
Hex(006FDE)		Ratio: 1.27 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 3.69 AA 18pt ²
Hex(007FFF)	Ratio: 1.27 Failed ⁵		Ratio: 2.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(0000DE)	Ratio: 2.11 Failed ⁵	Ratio: 2.67 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(656B70)	Ratio: 1.11 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.89 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(0058B0)	Ratio: 1.43 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(001830)	Ratio: 3.69 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 1.75 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 2.58 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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