

Converting Colors - WCAG Matrix

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

Hex(001325) Hex(001930) Hex(000125) Hex(101112) Hex(002B52) Hex(006DD1)

	Hex(001325)	Hex(001930)	Hex(000125)	Hex(101112)	Hex(002B52)	Hex(006DD1)
Hex(001325)		Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.67 AA 18pt ²
Hex(001930)	Ratio: 1.06 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(000125)	Ratio: 1.09 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.98 AA 18pt ²
Hex(101112)	Ratio: 1.01 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(002B52)	Ratio: 1.31 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(006DD1)	Ratio: 3.67 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 3.70 AA 18pt ²	Ratio: 2.80 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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