

Converting Colors - WCAG Matrix

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

Hex(151724) Hex(171A2E) Hex(1A1524) Hex(101012) Hex(000C52) Hex(001FD1)

	Hex(151724)	Hex(171A2E)	Hex(1A1524)	Hex(101012)	Hex(000C52)	Hex(001FD1)
Hex(151724)		Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(171A2E)	Ratio: 1.04 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(1A1524)	Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(101012)	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(000C52)	Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.80 Failed ⁵
Hex(001FD1)	Ratio: 1.79 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.80 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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