

Converting Colors - WCAG Matrix

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

Hex(161D22) Hex(19252B) Hex(161722) Hex(101112) Hex(003452) Hex(0086D1)

	Hex(161D22)	Hex(19252B)	Hex(161722)	Hex(101112)	Hex(003452)	Hex(0086D1)
Hex(161D22)		Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.32 AA 18pt ²
Hex(19252B)	Ratio: 1.09 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.98 AA 18pt ²
Hex(161722)	Ratio: 1.05 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(101112)	Ratio: 1.11 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(003452)	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 3.30 AA 18pt ²
Hex(0086D1)	Ratio: 4.32 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²	

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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