

Converting Colors - WCAG Matrix

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

Hex(1A2128) Hex(1F2936) Hex(1A1A28) Hex(121314) Hex(002754) Hex(0063D4)

	Hex(1A2128)	Hex(1F2936)	Hex(1A1A28)	Hex(121314)	Hex(002754)	Hex(0063D4)
Hex(1A2128)		Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(1F2936)	Ratio: 1.11 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(1A1A28)	Ratio: 1.06 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(121314)	Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(002754)	Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.63 Failed ⁵
Hex(0063D4)	Ratio: 2.89 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 2.63 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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