

Converting Colors - WCAG Matrix

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

Hex(004851) **Hex(00313A)** **Hex(001D24)** **Hex(00010F)** **Hex(000000)**

Hex(004851)		Ratio: 1.36 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(00313A)	Ratio: 1.36 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(001D24)	Ratio: 1.70 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(00010F)	Ratio: 2.02 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 2.05 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.01 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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