

Converting Colors - WCAG Matrix

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

Hex(00636B) Hex(004B53) Hex(00343C) Hex(002026) Hex(000000)

	Hex(00636B)	Hex(004B53)	Hex(00343C)	Hex(002026)	Hex(000000)
Hex(00636B)		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(004B53)	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(00343C)	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(002026)	Ratio: 2.43 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(000000)	Ratio: 3.00 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.23 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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