

Converting Colors - WCAG Matrix

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

Hex(003245) Hex(004159) Hex(001045) Hex(202324) Hex(004863) Hex(00A4E3)

	Hex(003245)	Hex(004159)	Hex(001045)	Hex(202324)	Hex(004863)	Hex(00A4E3)
Hex(003245)		Ratio: 1.23 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 4.81 AA ¹ AAA 18pt ⁴
Hex(004159)	Ratio: 1.23 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.90 AA 18pt ²
Hex(001045)	Ratio: 1.33 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴
Hex(202324)	Ratio: 1.16 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴
Hex(004863)	Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 3.52 AA 18pt ²
Hex(00A4E3)	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 3.90 AA 18pt ²	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 3.52 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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