

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(05364D) Hex(004463) Hex(05124D) Hex(222526) Hex(004566) Hex(009CE6)

Hex(05364D)		Ratio: 1.22 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 4.20 AA 18pt ²
Hex(004463)	Ratio: 1.22 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(05124D)	Ratio: 1.37 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 5.75 AA ¹ AAA 18pt ⁴
Hex(222526)	Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴
Hex(004566)	Ratio: 1.24 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 3.38 AA 18pt ²
Hex(009CE6)	Ratio: 4.20 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 3.38 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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