

Converting Colors - WCAG Matrix

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

Hex(26454B) Hex(285861) Hex(26334B) Hex(222626) Hex(005566) Hex(00C0E6)

	Hex(26454B)	Hex(285861)	Hex(26334B)	Hex(222626)	Hex(005566)	Hex(00C0E6)
Hex(26454B)		Ratio: 1.31 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴
Hex(285861)	Ratio: 1.31 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(26334B)	Ratio: 1.23 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴
Hex(222626)	Ratio: 1.48 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 7.05 Passed ⁶
Hex(005566)	Ratio: 1.22 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 3.89 AA 18pt ²
Hex(00C0E6)	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 3.64 AA 18pt ²	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 7.05 Passed ⁶	Ratio: 3.89 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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