

Converting Colors - WCAG Matrix

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

Hex(194C46) Hex(13635B) Hex(19374C) Hex(222626) Hex(00665B) Hex(00E6CC)

	Hex(194C46)	Hex(13635B)	Hex(19374C)	Hex(222626)	Hex(00665B)	Hex(00E6CC)
Hex(194C46)		Ratio: 1.37 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 6.10 AA ¹ AAA 18pt ⁴
Hex(13635B)	Ratio: 1.37 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 4.45 AA 18pt ²
Hex(19374C)	Ratio: 1.28 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 7.79 Passed ⁶
Hex(222626)	Ratio: 1.58 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 9.61 Passed ⁶
Hex(00665B)	Ratio: 1.41 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 4.32 AA 18pt ²
Hex(00E6CC)	Ratio: 6.10 AA ¹ AAA 18pt ⁴	Ratio: 4.45 AA 18pt ²	Ratio: 7.79 Passed ⁶	Ratio: 9.61 Passed ⁶	Ratio: 4.32 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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