

Converting Colors - WCAG Matrix

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

Hex(465252) Hex(596B6B) Hex(464C52) Hex(252929) Hex(006967) Hex(00E8E5)

	Hex(465252)	Hex(596B6B)	Hex(464C52)	Hex(252929)	Hex(006967)	Hex(00E8E5)
Hex(465252)		Ratio: 1.44 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴
Hex(596B6B)	Ratio: 1.44 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(464C52)	Ratio: 1.07 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴
Hex(252929)	Ratio: 1.81 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 2.25 Failed ⁵	Ratio: 9.58 Passed ⁶
Hex(006967)	Ratio: 1.24 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 4.25 AA 18pt ²
Hex(00E8E5)	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.66 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 9.58 Passed ⁶	Ratio: 4.25 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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