

Converting Colors - WCAG Matrix

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

Hex(495250) Hex(5D6B68) Hex(495052) Hex(252928) Hex(006951) Hex(00E8B4)

	Hex(495250)	Hex(5D6B68)	Hex(495052)	Hex(252928)	Hex(006951)	Hex(00E8B4)
Hex(495250)		Ratio: 1.45 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.07 AA ¹ AAA 18pt ⁴
Hex(5D6B68)	Ratio: 1.45 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(495052)	Ratio: 1.02 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴
Hex(252928)	Ratio: 1.83 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 9.26 Passed ⁶
Hex(006951)	Ratio: 1.20 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 4.21 AA 18pt ²
Hex(00E8B4)	Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 9.26 Passed ⁶	Ratio: 4.21 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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