

Converting Colors - WCAG Matrix

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

Hex(494A4A) **Hex(606161)** **Hex(262626)** **Hex(006666)** **Hex(00E6E6)**

Hex(494A4A)		Ratio: 1.43 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(606161)	Ratio: 1.43 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(262626)	Ratio: 1.70 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 2.23 Failed ⁵
Hex(006666)	Ratio: 1.31 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.23 Failed ⁵	
Hex(00E6E6)	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 9.70 Passed ⁶	Ratio: 4.35 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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