

Converting Colors - WCAG Matrix

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

Hex(007060) Hex(00917D) Hex(004970) Hex(323837) Hex(007867) Hex(00F7D5)

	Hex(007060)	Hex(00917D)	Hex(004970)	Hex(323837)	Hex(007867)	Hex(00F7D5)
Hex(007060)		Ratio: 1.53 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 4.38 AA 18pt ²
Hex(00917D)	Ratio: 1.53 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(004970)	Ratio: 1.59 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 6.98 AA ¹ AAA 18pt ⁴
Hex(323837)	Ratio: 1.99 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 8.69 Passed ⁶
Hex(007867)	Ratio: 1.11 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 3.93 AA 18pt ²
Hex(00F7D5)	Ratio: 4.38 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 6.98 AA ¹ AAA 18pt ⁴	Ratio: 8.69 Passed ⁶	Ratio: 3.93 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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