

Converting Colors - WCAG Matrix

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

	Hex(017980)	Hex(006067)	Hex(00484F)	Hex(003138)	Hex(001E23)	Hex(00000C)	Hex(000000)
Hex(017980)		Ratio: 1.41 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 4.03 AA 18pt ²	Ratio: 4.05 AA 18pt ²
Hex(006067)	Ratio: 1.41 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(00484F)	Ratio: 1.98 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(003138)	Ratio: 2.71 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(001E23)	Ratio: 3.35 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(00000C)	Ratio: 4.03 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 4.05 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵	

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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