

Converting Colors - WCAG Matrix

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

Hex(063434) Hex(004545) Hex(061D34) Hex(17191A) Hex(005959) Hex(00D9D9)

	Hex(063434)	Hex(004545)	Hex(061D34)	Hex(17191A)	Hex(005959)	Hex(00D9D9)
Hex(063434)		Ratio: 1.25 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 7.70 Passed ⁶
Hex(004545)	Ratio: 1.25 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 6.16 AA ¹ AAA 18pt ⁴
Hex(061D34)	Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 9.67 Passed ⁶
Hex(17191A)	Ratio: 1.30 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 10.02 Passed ⁶
Hex(005959)	Ratio: 1.66 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(00D9D9)	Ratio: 7.70 Passed ⁶	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 9.67 Passed ⁶	Ratio: 10.02 Passed ⁶	Ratio: 4.64 AA ¹ AAA 18pt ⁴	

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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