

Converting Colors - WCAG Matrix

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

Hex(003929) Hex(004A35) Hex(002D39) Hex(191C1B) Hex(005C42) Hex(00DB9E)

	Hex(003929)	Hex(004A35)	Hex(002D39)	Hex(191C1B)	Hex(005C42)	Hex(00DB9E)
Hex(003929)		Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 7.19 Passed ⁶
Hex(004A35)	Ratio: 1.26 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴
Hex(002D39)	Ratio: 1.13 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 8.11 Passed ⁶
Hex(191C1B)	Ratio: 1.32 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 9.50 Passed ⁶
Hex(005C42)	Ratio: 1.61 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.46 AA 18pt ²
Hex(00DB9E)	Ratio: 7.19 Passed ⁶	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 8.11 Passed ⁶	Ratio: 9.50 Passed ⁶	Ratio: 4.46 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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