

Converting Colors - WCAG Matrix

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

Hex(042B2B) Hex(003838) Hex(04182B) Hex(121414) Hex(005454) Hex(00D4D4)

	Hex(042B2B)	Hex(003838)	Hex(04182B)	Hex(121414)	Hex(005454)	Hex(00D4D4)
Hex(042B2B)		Ratio: 1.17 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 8.20 Passed ⁶
Hex(003838)	Ratio: 1.17 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 7.01 Passed ⁶
Hex(04182B)	Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 9.71 Passed ⁶
Hex(121414)	Ratio: 1.22 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 10.01 Passed ⁶
Hex(005454)	Ratio: 1.73 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 4.74 AA ¹ AAA 18pt ⁴
Hex(00D4D4)	Ratio: 8.20 Passed ⁶	Ratio: 7.01 Passed ⁶	Ratio: 9.71 Passed ⁶	Ratio: 10.01 Passed ⁶	Ratio: 4.74 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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