

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(042726) Hex(003332) Hex(041727) Hex(121414) Hex(005452) Hex(00D4CE)

Hex(042726)		Ratio: 1.15 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(003332)	Ratio: 1.15 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(041727)	Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(121414)	Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.10 Failed ⁵
Hex(005452)	Ratio: 1.81 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.10 Failed ⁵	
Hex(00D4CE)	Ratio: 8.55 Passed ⁶	Ratio: 7.44 Passed ⁶	Ratio: 9.77 Passed ⁶	Ratio: 9.96 Passed ⁶	Ratio: 4.73 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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