

Converting Colors - WCAG Matrix

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

Hex(142826) Hex(153631) Hex(142128) Hex(121414) Hex(005449) Hex(00D4B8)

	Hex(142826)	Hex(153631)	Hex(142128)	Hex(121414)	Hex(005449)	Hex(00D4B8)
Hex(142826)		Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 8.16 Passed ⁶
Hex(153631)	Ratio: 1.18 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 6.93 AA ¹ AAA 18pt ⁴
Hex(142128)	Ratio: 1.07 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 8.69 Passed ⁶
Hex(121414)	Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 9.78 Passed ⁶
Hex(005449)	Ratio: 1.74 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(00D4B8)	Ratio: 8.16 Passed ⁶	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 8.69 Passed ⁶	Ratio: 9.78 Passed ⁶	Ratio: 4.70 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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