

Converting Colors - WCAG Matrix

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

Hex(005C5E) Hex(004547) Hex(002E30) Hex(001A1C) Hex(000000)

	Hex(005C5E)	Hex(004547)	Hex(002E30)	Hex(001A1C)	Hex(000000)
Hex(005C5E)		Ratio: 1.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(004547)	Ratio: 1.39 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(002E30)	Ratio: 1.88 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(001A1C)	Ratio: 2.31 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 2.69 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.16 Failed ⁵	

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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