

Converting Colors - WCAG Matrix

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

Hex(000533) Hex(2E3042) Hex(00332E) Hex(151621) Hex(A1A1A1) Hex(212121)

	Hex(000533)	Hex(2E3042)	Hex(00332E)	Hex(151621)	Hex(A1A1A1)	Hex(212121)
Hex(000533)		Ratio: 1.51 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 7.60 Passed ⁶	Ratio: 1.22 Failed ⁵
Hex(2E3042)	Ratio: 1.51 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(00332E)	Ratio: 1.41 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(151621)	Ratio: 1.09 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(A1A1A1)	Ratio: 7.60 Passed ⁶	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 6.96 AA ¹ AAA 18pt ⁴		Ratio: 6.23 AA ¹ AAA 18pt ⁴
Hex(212121)	Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 6.23 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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