

Converting Colors - WCAG Matrix

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

Hex(000027) Hex(242433) Hex(002727) Hex(10101A) Hex(999999) Hex(1A1A1A)

	Hex(000027)	Hex(242433)	Hex(002727)	Hex(10101A)	Hex(999999)	Hex(1A1A1A)
Hex(000027)		Ratio: 1.34 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 7.16 Passed ⁶	Ratio: 1.17 Failed ⁵
Hex(242433)	Ratio: 1.34 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(002727)	Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(10101A)	Ratio: 1.08 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 6.63 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(999999)	Ratio: 7.16 Passed ⁶	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 6.63 AA ¹ AAA 18pt ⁴		Ratio: 6.11 AA ¹ AAA 18pt ⁴
Hex(1A1A1A)	Ratio: 1.17 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 6.11 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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