

Converting Colors - WCAG Matrix

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

Hex(032325) Hex(233030) Hex(032505) Hex(11191A) Hex(999999) Hex(1A1A1A)

	Hex(032325)	Hex(233030)	Hex(032505)	Hex(11191A)	Hex(999999)	Hex(1A1A1A)
Hex(032325)		Ratio: 1.21 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(233030)	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(032505)	Ratio: 1.00 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(11191A)	Ratio: 1.08 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 6.26 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(999999)	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 5.80 AA ¹ AAA 18pt ⁴	Ratio: 6.26 AA ¹ AAA 18pt ⁴		Ratio: 6.11 AA ¹ AAA 18pt ⁴
Hex(1A1A1A)	Ratio: 1.05 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 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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