

Converting Colors - WCAG Matrix

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

Hex(002508) Hex(223025) Hex(1E2500) Hex(101A12) Hex(999999) Hex(1A1A1A)

	Hex(002508)	Hex(223025)	Hex(1E2500)	Hex(101A12)	Hex(999999)	Hex(1A1A1A)
Hex(002508)		Ratio: 1.20 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(223025)	Ratio: 1.20 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(1E2500)	Ratio: 1.04 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(101A12)	Ratio: 1.08 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(999999)	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 6.25 AA ¹ AAA 18pt ⁴		Ratio: 6.11 AA ¹ AAA 18pt ⁴
Hex(1A1A1A)	Ratio: 1.05 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.09 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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