

Converting Colors - WCAG Matrix

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

Hex(090300) Hex(0A0807) Hex(090006) Hex(050403) Hex(858585) Hex(050505)

	Hex(090300)	Hex(0A0807)	Hex(090006)	Hex(050403)	Hex(858585)	Hex(050505)
Hex(090300)		Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(0A0807)	Ratio: 1.03 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(090006)	Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(050403)	Ratio: 1.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(858585)	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 5.61 AA ¹ AAA 18pt ⁴	Ratio: 5.55 AA ¹ AAA 18pt ⁴		Ratio: 5.52 AA ¹ AAA 18pt ⁴
Hex(050505)	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.52 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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