

Converting Colors - WCAG Matrix

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

Hex(120500) Hex(171210) Hex(12000D) Hex(0D0908) Hex(8C8C8C) Hex(0D0D0D)

	Hex(120500)	Hex(171210)	Hex(12000D)	Hex(0D0908)	Hex(8C8C8C)	Hex(0D0D0D)
Hex(120500)		Ratio: 1.08 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(171210)	Ratio: 1.08 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(12000D)	Ratio: 1.02 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(0D0908)	Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(8C8C8C)	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 6.05 AA ¹ AAA 18pt ⁴	Ratio: 5.89 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(0D0D0D)	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 5.78 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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