

Converting Colors - WCAG Matrix

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

Hex(000114) Hex(12121A) Hex(001413) Hex(08080D) Hex(8C8C8C) Hex(0D0D0D)

	Hex(000114)	Hex(12121A)	Hex(001413)	Hex(08080D)	Hex(8C8C8C)	Hex(0D0D0D)
Hex(000114)		Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(12121A)	Ratio: 1.11 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(001413)	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(08080D)	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(8C8C8C)	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 5.94 AA ¹ AAA 18pt ⁴		Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(0D0D0D)	Ratio: 1.07 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 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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