

Converting Colors - WCAG Matrix

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

Hex(000115) Hex(14141C) Hex(001514) Hex(0A0A0F) Hex(8F8F8F) Hex(0F0F0F)

	Hex(000115)	Hex(14141C)	Hex(001514)	Hex(0A0A0F)	Hex(8F8F8F)	Hex(0F0F0F)
Hex(000115)		Ratio: 1.13 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(14141C)	Ratio: 1.13 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(001514)	Ratio: 1.10 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(0A0A0F)	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(8F8F8F)	Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 6.11 AA ¹ AAA 18pt ⁴		Ratio: 5.93 AA ¹ AAA 18pt ⁴
Hex(0F0F0F)	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.93 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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