

Converting Colors - WCAG Matrix

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

Hex(1A1B2A) Hex(303036) Hex(1A2A29) Hex(18191C) Hex(9C9C9C) Hex(1C1C1C)

	Hex(1A1B2A)	Hex(303036)	Hex(1A2A29)	Hex(18191C)	Hex(9C9C9C)	Hex(1C1C1C)
Hex(1A1B2A)		Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(303036)	Ratio: 1.30 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(1A2A29)	Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(18191C)	Ratio: 1.03 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 6.40 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(9C9C9C)	Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 6.40 AA ¹ AAA 18pt ⁴		Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(1C1C1C)	Ratio: 1.00 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 6.21 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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