

Converting Colors - WCAG Matrix

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

Hex(222B07) Hex(34382A) Hex(2B0F07) Hex(1A1C13) Hex(9C9C9C) Hex(1C1C1C)

	Hex(222B07)	Hex(34382A)	Hex(2B0F07)	Hex(1A1C13)	Hex(9C9C9C)	Hex(1C1C1C)
Hex(222B07)		Ratio: 1.23 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(34382A)	Ratio: 1.23 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(2B0F07)	Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(1A1C13)	Ratio: 1.16 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(9C9C9C)	Ratio: 5.40 AA ¹ AAA 18pt ⁴	Ratio: 4.38 AA 18pt ²	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 6.27 AA ¹ AAA 18pt ⁴		Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(1C1C1C)	Ratio: 1.15 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 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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