

Converting Colors - WCAG Matrix

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

Hex(291A1B) Hex(363030) Hex(281A29) Hex(1C1819) Hex(9C9C9C) Hex(1C1C1C)

	Hex(291A1B)	Hex(363030)	Hex(281A29)	Hex(1C1819)	Hex(9C9C9C)	Hex(1C1C1C)
Hex(291A1B)		Ratio: 1.29 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(363030)	Ratio: 1.29 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(281A29)	Ratio: 1.01 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(1C1819)	Ratio: 1.05 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 6.41 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(9C9C9C)	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 6.02 AA ¹ AAA 18pt ⁴	Ratio: 6.41 AA ¹ AAA 18pt ⁴		Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(1C1C1C)	Ratio: 1.02 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.03 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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