

Converting Colors - WCAG Matrix

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

Hex(2A231E) Hex(363331) Hex(2A1E25) Hex(1C1A19) Hex(9C9C9C) Hex(1C1C1C)

	Hex(2A231E)	Hex(363331)	Hex(2A1E25)	Hex(1C1A19)	Hex(9C9C9C)	Hex(1C1C1C)
Hex(2A231E)		Ratio: 1.23 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(363331)	Ratio: 1.23 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵
Hex(2A1E25)	Ratio: 1.04 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(1C1A19)	Ratio: 1.12 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 6.32 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(9C9C9C)	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 6.32 AA ¹ AAA 18pt ⁴		Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(1C1C1C)	Ratio: 1.10 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.02 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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