

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(251C1E) Hex(302D2E) Hex(231C25) Hex(1A1718) Hex(999999) Hex(1A1A1A)

Hex(251C1E)		Ratio: 1.22 Failed⁵	Ratio: 1.00 Failed⁵	Ratio: 1.07 Failed⁵	Ratio: 5.83 AA¹ AAA 18pt⁴	Ratio: 1.05 Failed⁵
Hex(302D2E)	Ratio: 1.22 Failed⁵		Ratio: 1.22 Failed⁵	Ratio: 1.31 Failed⁵	Ratio: 4.79 AA¹ AAA 18pt⁴	Ratio: 1.28 Failed⁵
Hex(231C25)	Ratio: 1.00 Failed⁵	Ratio: 1.22 Failed⁵		Ratio: 1.07 Failed⁵	Ratio: 5.83 AA¹ AAA 18pt⁴	Ratio: 1.05 Failed⁵
Hex(1A1718)	Ratio: 1.07 Failed⁵	Ratio: 1.31 Failed⁵	Ratio: 1.07 Failed⁵		Ratio: 6.25 AA¹ AAA 18pt⁴	Ratio: 1.02 Failed⁵
Hex(999999)	Ratio: 5.83 AA¹ AAA 18pt⁴	Ratio: 4.79 AA¹ AAA 18pt⁴	Ratio: 5.83 AA¹ AAA 18pt⁴	Ratio: 6.25 AA¹ AAA 18pt⁴		Ratio: 6.11 AA¹ AAA 18pt⁴
Hex(1A1A1A)	Ratio: 1.05 Failed⁵	Ratio: 1.28 Failed⁵	Ratio: 1.05 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 6.11 AA¹ AAA 18pt⁴	

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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