

Converting Colors - WCAG Matrix

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

Hex(192123) Hex(2A2D2E) Hex(19231B) Hex(141617) Hex(969696) Hex(171717)

	Hex(192123)	Hex(2A2D2E)	Hex(19231B)	Hex(141617)	Hex(969696)	Hex(171717)
Hex(192123)		Ratio: 1.18 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(2A2D2E)	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(19231B)	Ratio: 1.01 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(141617)	Ratio: 1.11 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(969696)	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 6.14 AA ¹ AAA 18pt ⁴		Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(171717)	Ratio: 1.10 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 6.06 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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