

Converting Colors - WCAG Matrix

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

Hex(1B2100) Hex(292B1E) Hex(210500) Hex(15170F) Hex(969696) Hex(171717)

	Hex(1B2100)	Hex(292B1E)	Hex(210500)	Hex(15170F)	Hex(969696)	Hex(171717)
Hex(1B2100)		Ratio: 1.15 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(292B1E)	Ratio: 1.15 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(210500)	Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(15170F)	Ratio: 1.09 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 6.11 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(969696)	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 6.11 AA ¹ AAA 18pt ⁴		Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(171717)	Ratio: 1.08 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.08 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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