

Converting Colors - WCAG Matrix

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

Hex(212102) Hex(2B2B1F) Hex(210202) Hex(17170F) Hex(969696) Hex(171717)

	Hex(212102)	Hex(2B2B1F)	Hex(210202)	Hex(17170F)	Hex(969696)	Hex(171717)
Hex(212102)		Ratio: 1.14 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(2B2B1F)	Ratio: 1.14 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(210202)	Ratio: 1.19 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(17170F)	Ratio: 1.10 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(969696)	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 6.61 AA ¹ AAA 18pt ⁴	Ratio: 6.09 AA ¹ AAA 18pt ⁴		Ratio: 6.06 AA ¹ AAA 18pt ⁴
Hex(171717)	Ratio: 1.10 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.00 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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