

Converting Colors - WCAG Matrix

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

Hex(2E112A) Hex(3B3039) Hex(14112E) Hex(1F181E) Hex(9E9E9E) Hex(1F1F1F)

	Hex(2E112A)	Hex(3B3039)	Hex(14112E)	Hex(1F181E)	Hex(9E9E9E)	Hex(1F1F1F)
Hex(2E112A)		Ratio: 1.36 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(3B3039)	Ratio: 1.36 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(14112E)	Ratio: 1.07 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(1F181E)	Ratio: 1.02 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(9E9E9E)	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 6.49 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(1F1F1F)	Ratio: 1.04 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.15 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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