

Converting Colors - WCAG Matrix

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

Hex(121F2E) Hex(30353B) Hex(122E22) Hex(181B1F) Hex(9E9E9E) Hex(1F1F1F)

	Hex(121F2E)	Hex(30353B)	Hex(122E22)	Hex(181B1F)	Hex(9E9E9E)	Hex(1F1F1F)
Hex(121F2E)		Ratio: 1.35 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(30353B)	Ratio: 1.35 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(122E22)	Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(181B1F)	Ratio: 1.04 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(9E9E9E)	Ratio: 6.21 AA ¹ AAA 18pt ⁴	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 6.45 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(1F1F1F)	Ratio: 1.01 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.13 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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