

Converting Colors - WCAG Matrix

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

Hex(182030) Hex(34373D) Hex(183028) Hex(191B1F) Hex(9E9E9E) Hex(1F1F1F)

	Hex(182030)	Hex(34373D)	Hex(183028)	Hex(191B1F)	Hex(9E9E9E)	Hex(1F1F1F)
Hex(182030)		Ratio: 1.37 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(34373D)	Ratio: 1.37 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 4.45 AA 18pt ²	Ratio: 1.38 Failed ⁵
Hex(183028)	Ratio: 1.16 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(191B1F)	Ratio: 1.06 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(9E9E9E)	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 4.45 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 6.44 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(1F1F1F)	Ratio: 1.01 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 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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