

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(1F1948) Hex(4E4B5E) Hex(194348) Hex(262530) Hex(B0B0B0) Hex(303030)

	Hex(1F1948)	Hex(4E4B5E)	Hex(194348)	Hex(262530)	Hex(B0B0B0)	Hex(303030)
Hex(1F1948)		Ratio: 1.93 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 7.50 Passed ⁶	Ratio: 1.23 Failed ⁵
Hex(4E4B5E)	Ratio: 1.93 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.57 Failed ⁵
Hex(194348)	Ratio: 1.50 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(262530)	Ratio: 1.08 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(B0B0B0)	Ratio: 7.50 Passed ⁶	Ratio: 3.89 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 6.97 AA ¹ AAA 18pt ⁴		Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(303030)	Ratio: 1.23 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 6.09 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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