

Converting Colors - WCAG Matrix

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

Hex(002F16) Hex(2B3D34) Hex(192F00) Hex(141F18) Hex(9E9E9E) Hex(1F1F1F)

	Hex(002F16)	Hex(2B3D34)	Hex(192F00)	Hex(141F18)	Hex(9E9E9E)	Hex(1F1F1F)
Hex(002F16)		Ratio: 1.28 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(2B3D34)	Ratio: 1.28 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 4.31 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(192F00)	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(141F18)	Ratio: 1.14 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(9E9E9E)	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 4.31 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 6.33 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(1F1F1F)	Ratio: 1.11 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.03 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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