

Converting Colors - WCAG Matrix

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

Hex(9E9E9E) **Hex(CCCCCC)** **Hex(4F4F4F)** **Hex(00508F)** **Hex(00090F)**

Hex(9E9E9E)		Ratio: 1.67 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 7.49 Passed ⁶
Hex(CCCCCC)	Ratio: 1.67 Failed ⁵		Ratio: 5.10 AA ¹ AAA 18pt ⁴	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 12.50 Passed ⁶
Hex(4F4F4F)	Ratio: 3.06 AA 18pt ²	Ratio: 5.10 AA ¹ AAA 18pt ⁴		Ratio: 1.01 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(00508F)	Ratio: 3.08 AA 18pt ²	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(00090F)	Ratio: 7.49 Passed ⁶	Ratio: 12.50 Passed ⁶	Ratio: 2.45 Failed ⁵	Ratio: 2.43 Failed ⁵	

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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