

Converting Colors - WCAG Matrix

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

Hex(9C9C9C) Hex(C9C9C9) Hex(4F4F4F) Hex(008F01) Hex(000F00)

	Hex(9C9C9C)	Hex(C9C9C9)	Hex(4F4F4F)	Hex(008F01)	Hex(000F00)
Hex(9C9C9C)		Ratio: 1.66 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 7.16 Passed ⁶
Hex(C9C9C9)	Ratio: 1.66 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 2.57 Failed ⁵	Ratio: 11.87 Passed ⁶
Hex(4F4F4F)	Ratio: 2.98 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴		Ratio: 1.92 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(008F01)	Ratio: 1.55 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(000F00)	Ratio: 7.16 Passed ⁶	Ratio: 11.87 Passed ⁶	Ratio: 2.40 Failed ⁵	Ratio: 4.61 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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