

Converting Colors - WCAG Matrix

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

Hex(009C4E) Hex(00CC66) Hex(009C9A) Hex(474F4B) Hex(008F47) Hex(000F08)

	Hex(009C4E)	Hex(00CC66)	Hex(009C9A)	Hex(474F4B)	Hex(008F47)	Hex(000F08)
Hex(009C4E)		Ratio: 1.68 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴
Hex(00CC66)	Ratio: 1.68 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 9.17 Passed ⁶
Hex(009C9A)	Ratio: 1.06 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.50 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(474F4B)	Ratio: 2.36 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.50 Failed ⁵		Ratio: 2.02 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(008F47)	Ratio: 1.17 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 2.02 Failed ⁵		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(000F08)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 9.17 Passed ⁶	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 4.68 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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