

Converting Colors - WCAG Matrix

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

Hex(669966) Hex(77C777) Hex(669980) Hex(454D45) Hex(008C00) Hex(000D00)

	Hex(669966)	Hex(77C777)	Hex(669980)	Hex(454D45)	Hex(008C00)	Hex(000D00)
Hex(669966)		Ratio: 1.62 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 5.97 AA ¹ AAA 18pt ⁴
Hex(77C777)	Ratio: 1.62 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 9.66 Passed ⁶
Hex(669980)	Ratio: 1.02 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 6.08 AA ¹ AAA 18pt ⁴
Hex(454D45)	Ratio: 2.63 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 2.68 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(008C00)	Ratio: 1.33 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 4.49 AA 18pt ²
Hex(000D00)	Ratio: 5.97 AA ¹ AAA 18pt ⁴	Ratio: 9.66 Passed ⁶	Ratio: 6.08 AA ¹ AAA 18pt ⁴	Ratio: 2.27 Failed ⁵	Ratio: 4.49 AA 18pt ²	

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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