

Converting Colors - WCAG Matrix

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

Hex(568F56) Hex(61BA61) Hex(568F72) Hex(404740) Hex(008701) Hex(000800)

	Hex(568F56)	Hex(61BA61)	Hex(568F72)	Hex(404740)	Hex(008701)	Hex(000800)
Hex(568F56)		Ratio: 1.59 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴
Hex(61BA61)	Ratio: 1.59 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 8.41 Passed ⁶
Hex(568F72)	Ratio: 1.02 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.54 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.38 AA ¹ AAA 18pt ⁴
Hex(404740)	Ratio: 2.49 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 2.54 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(008701)	Ratio: 1.22 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 4.32 AA 18pt ²
Hex(000800)	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 8.41 Passed ⁶	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 2.12 Failed ⁵	Ratio: 4.32 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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