

Converting Colors - WCAG Matrix

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

Hex(00A159) Hex(92D1B5) Hex(48A100) Hex(436958) Hex(E8E8E8) Hex(696969)

	Hex(00A159)	Hex(92D1B5)	Hex(48A100)	Hex(436958)	Hex(E8E8E8)	Hex(696969)
Hex(00A159)		Ratio: 1.92 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(92D1B5)	Ratio: 1.92 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(48A100)	Ratio: 1.02 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(436958)	Ratio: 1.84 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.87 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(E8E8E8)	Ratio: 2.75 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.63 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 1.67 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.48 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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