

Converting Colors - WCAG Matrix

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

Hex(06A13F) Hex(94D1AB) Hex(68A106) Hex(446951) Hex(E8E8E8) Hex(696969)

	Hex(06A13F)	Hex(94D1AB)	Hex(68A106)	Hex(446951)	Hex(E8E8E8)	Hex(696969)
Hex(06A13F)		Ratio: 1.94 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(94D1AB)	Ratio: 1.94 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.43 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(68A106)	Ratio: 1.08 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(446951)	Ratio: 1.82 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.98 Failed ⁵		Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(E8E8E8)	Ratio: 2.77 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 5.06 AA ¹ AAA 18pt ⁴		Ratio: 4.48 AA 18pt ²
Hex(696969)	Ratio: 1.61 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.75 Failed ⁵	Ratio: 1.13 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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