

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(56804C) Hex(64A655) Hex(4C805C) Hex(3B4039) Hex(198000) Hex(000000)

Hex(56804C)		Ratio: 1.55 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(64A655)	Ratio: 1.55 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 7.13 Passed ⁶
Hex(4C805C)	Ratio: 1.01 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(3B4039)	Ratio: 2.32 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 2.30 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(198000)	Ratio: 1.11 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 4.13 AA 18pt ²
Hex(000000)	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 7.13 Passed ⁶	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 4.13 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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