

Converting Colors - WCAG Matrix

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

Hex(74805E) Hex(94A672) Hex(64805E) Hex(3E4039) Hex(538000) Hex(000000)

	Hex(74805E)	Hex(94A672)	Hex(64805E)	Hex(3E4039)	Hex(538000)	Hex(000000)
Hex(74805E)		Ratio: 1.59 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴
Hex(94A672)	Ratio: 1.59 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 7.96 Passed ⁶
Hex(64805E)	Ratio: 1.04 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(3E4039)	Ratio: 2.50 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 2.40 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(538000)	Ratio: 1.12 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 4.46 AA 18pt ²
Hex(000000)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 7.96 Passed ⁶	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 4.46 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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