

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(64814B) Hex(7CA854) Hex(4B814C) Hex(3C4039) Hex(3C8000) Hex(000000)

	Hex(64814B)	Hex(7CA854)	Hex(4B814C)	Hex(3C4039)	Hex(3C8000)	Hex(000000)
Hex(64814B)		Ratio: 1.59 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(7CA854)	Ratio: 1.59 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 7.59 Passed ⁶
Hex(4B814C)	Ratio: 1.05 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴
Hex(3C4039)	Ratio: 2.41 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 2.29 Failed ⁵		Ratio: 2.16 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(3C8000)	Ratio: 1.12 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 4.28 AA 18pt ²
Hex(000000)	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 7.59 Passed ⁶	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 4.28 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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