

Converting Colors - WCAG Matrix

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

Hex(788248) Hex(99A84D) Hex(5B8248) Hex(3F4039) Hex(6A8000) Hex(000000)

	Hex(788248)	Hex(99A84D)	Hex(5B8248)	Hex(3F4039)	Hex(6A8000)	Hex(000000)
Hex(788248)		Ratio: 1.59 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(99A84D)	Ratio: 1.59 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 8.06 Passed ⁶
Hex(5B8248)	Ratio: 1.07 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴
Hex(3F4039)	Ratio: 2.54 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 2.36 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(6A8000)	Ratio: 1.08 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(000000)	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 8.06 Passed ⁶	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 2.00 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	

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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