

Converting Colors - WCAG Matrix

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

Hex(2B8860) Hex(20B072) Hex(2B8288) Hex(3E4542) Hex(00854C) Hex(000503)

	Hex(2B8860)	Hex(20B072)	Hex(2B8288)	Hex(3E4542)	Hex(00854C)	Hex(000503)
Hex(2B8860)		Ratio: 1.57 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴
Hex(20B072)	Ratio: 1.57 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 7.35 Passed ⁶
Hex(2B8288)	Ratio: 1.03 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(3E4542)	Ratio: 2.25 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(00854C)	Ratio: 1.07 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 4.36 AA 18pt ²
Hex(000503)	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 7.35 Passed ⁶	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 2.09 Failed ⁵	Ratio: 4.36 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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