

Converting Colors - WCAG Matrix

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

Hex(008486) Hex(00ABAD) Hex(004386) Hex(3C4242) Hex(008082) Hex(000303)

	Hex(008486)	Hex(00ABAD)	Hex(004386)	Hex(3C4242)	Hex(008082)	Hex(000303)
Hex(008486)		Ratio: 1.60 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(00ABAD)	Ratio: 1.60 Failed ⁵		Ratio: 3.46 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 7.32 Passed ⁶
Hex(004386)	Ratio: 2.16 Failed ⁵	Ratio: 3.46 AA 18pt ²		Ratio: 1.05 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(3C4242)	Ratio: 2.27 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 1.05 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(008082)	Ratio: 1.05 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 4.35 AA 18pt ²
Hex(000303)	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 7.32 Passed ⁶	Ratio: 2.12 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 4.35 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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