

Converting Colors - WCAG Matrix

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

Hex(868688) Hex(ACACB0) Hex(878688) Hex(434345) Hex(000085) Hex(000005)

	Hex(868688)	Hex(ACACB0)	Hex(878688)	Hex(434345)	Hex(000085)	Hex(000005)
Hex(868688)		Ratio: 1.61 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(ACACB0)	Ratio: 1.61 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 9.26 Passed ⁶
Hex(878688)	Ratio: 1.00 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 4.33 AA 18pt ²	Ratio: 5.78 AA ¹ AAA 18pt ⁴
Hex(434345)	Ratio: 2.72 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 2.72 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(000085)	Ratio: 4.32 AA 18pt ²	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 4.33 AA 18pt ²	Ratio: 1.59 Failed ⁵		Ratio: 1.34 Failed ⁵
Hex(000005)	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 9.26 Passed ⁶	Ratio: 5.78 AA ¹ AAA 18pt ⁴	Ratio: 2.12 Failed ⁵	Ratio: 1.34 Failed ⁵	

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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