

Converting Colors - WCAG Matrix

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

Hex(858283) Hex(ADA8AA) Hex(828585) Hex(424041) Hex(82002B) Hex(030001)

	Hex(858283)	Hex(ADA8AA)	Hex(828585)	Hex(424041)	Hex(82002B)	Hex(030001)
Hex(858283)		Ratio: 1.62 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴
Hex(ADA8AA)	Ratio: 1.62 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 8.92 Passed ⁶
Hex(828585)	Ratio: 1.02 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.76 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴
Hex(424041)	Ratio: 2.70 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 2.76 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(82002B)	Ratio: 2.78 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 2.84 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.98 Failed ⁵
Hex(030001)	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 8.92 Passed ⁶	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 1.98 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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