

Converting Colors - WCAG Matrix

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

Hex(858484) Hex(ADACAD) Hex(424242) Hex(82005F) Hex(030002)

	Hex(858484)	Hex(ADACAD)	Hex(424242)	Hex(82005F)	Hex(030002)
Hex(858484)		Ratio: 1.65 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 5.60 AA ¹ AAA 18pt ⁴
Hex(ADACAD)	Ratio: 1.65 Failed ⁵		Ratio: 4.44 AA 18pt ²	Ratio: 4.39 AA 18pt ²	Ratio: 9.24 Passed ⁶
Hex(424242)	Ratio: 2.69 Failed ⁵	Ratio: 4.44 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(82005F)	Ratio: 2.66 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 2.10 Failed ⁵
Hex(030002)	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 9.24 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.10 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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