

Converting Colors - WCAG Matrix

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

Hex(854900) Hex(AD9679) Hex(85003C) Hex(574937) Hex(D6D6D6) Hex(575757)

	Hex(854900)	Hex(AD9679)	Hex(85003C)	Hex(574937)	Hex(D6D6D6)	Hex(575757)
Hex(854900)		Ratio: 2.51 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(AD9679)	Ratio: 2.51 Failed ⁵		Ratio: 3.60 AA 18pt ²	Ratio: 3.07 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(85003C)	Ratio: 1.43 Failed ⁵	Ratio: 3.60 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 7.01 Passed ⁶	Ratio: 1.41 Failed ⁵
Hex(574937)	Ratio: 1.22 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(D6D6D6)	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 1.95 Failed ⁵	Ratio: 7.01 Passed ⁶	Ratio: 5.99 AA ¹ AAA 18pt ⁴		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(575757)	Ratio: 1.02 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴	

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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