

Converting Colors - WCAG Matrix

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

Hex(815273) Hex(A896A3) Hex(5F5281) Hex(544951) Hex(D4D4D4) Hex(545454)

	Hex(815273)	Hex(A896A3)	Hex(5F5281)	Hex(544951)	Hex(D4D4D4)	Hex(545454)
Hex(815273)		Ratio: 2.23 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.18 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(A896A3)	Ratio: 2.23 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(5F5281)	Ratio: 1.13 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(544951)	Ratio: 1.38 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(D4D4D4)	Ratio: 4.18 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 5.79 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.22 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.11 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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