

Converting Colors - WCAG Matrix

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

Hex(814F54) Hex(A89496) Hex(7C4F81) Hex(54484A) Hex(D4D4D4) Hex(545454)

	Hex(814F54)	Hex(A89496)	Hex(7C4F81)	Hex(54484A)	Hex(D4D4D4)	Hex(545454)
Hex(814F54)		Ratio: 2.31 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 1.15 Failed ⁵
Hex(A89496)	Ratio: 2.31 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(7C4F81)	Ratio: 1.04 Failed ⁵	Ratio: 2.23 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 1.19 Failed ⁵
Hex(54484A)	Ratio: 1.32 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.37 Failed ⁵		Ratio: 5.90 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(D4D4D4)	Ratio: 4.46 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 4.30 AA 18pt ²	Ratio: 5.90 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.15 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 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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