

Converting Colors - WCAG Matrix

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

Hex(81767A) Hex(A8A3A5) Hex(7D7681) Hex(545152) Hex(D4D4D4) Hex(545454)

	Hex(81767A)	Hex(A8A3A5)	Hex(7D7681)	Hex(545152)	Hex(D4D4D4)	Hex(545454)
Hex(81767A)		Ratio: 1.76 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(A8A3A5)	Ratio: 1.76 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(7D7681)	Ratio: 1.01 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(545152)	Ratio: 1.80 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 1.79 Failed ⁵		Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(D4D4D4)	Ratio: 2.95 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 5.29 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.73 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 1.04 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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