

Converting Colors - WCAG Matrix

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

Hex(427D61) Hex(8CA398) Hex(5F7D42) Hex(44524B) Hex(D1D1D1) Hex(525252)

	Hex(427D61)	Hex(8CA398)	Hex(5F7D42)	Hex(44524B)	Hex(D1D1D1)	Hex(525252)
Hex(427D61)		Ratio: 1.80 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.61 Failed ⁵
Hex(8CA398)	Ratio: 1.80 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(5F7D42)	Ratio: 1.04 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.67 Failed ⁵
Hex(44524B)	Ratio: 1.70 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.76 Failed ⁵		Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(D1D1D1)	Ratio: 3.17 AA 18pt ²	Ratio: 1.76 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.61 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 5.12 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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