

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(827A7E) Hex(A8A5A6) Hex(7E7A82) Hex(545253) Hex(D4D4D4) Hex(545454)

Hex(827A7E)		Ratio: 1.71 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(A8A5A6)	Ratio: 1.71 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.65 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(7E7A82)	Ratio: 1.01 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(545253)	Ratio: 1.86 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.84 Failed ⁵		Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(D4D4D4)	Ratio: 2.81 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 5.23 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.82 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 1.02 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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