

Converting Colors - WCAG Matrix

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

Hex(7B4C3A) Hex(A18E87) Hex(7B3A6A) Hex(524642) Hex(D1D1D1) Hex(525252)

	Hex(7B4C3A)	Hex(A18E87)	Hex(7B3A6A)	Hex(524642)	Hex(D1D1D1)	Hex(525252)
Hex(7B4C3A)		Ratio: 2.29 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(A18E87)	Ratio: 2.29 Failed ⁵		Ratio: 2.54 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(7B3A6A)	Ratio: 1.11 Failed ⁵	Ratio: 2.54 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(524642)	Ratio: 1.27 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 5.94 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(D1D1D1)	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 5.94 AA ¹ AAA 18pt ⁴		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(525252)	Ratio: 1.09 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.16 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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