

Converting Colors - WCAG Matrix

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

Hex(74815C) Hex(A3A899) Hex(81685C) Hex(51544B) Hex(D4D4D4) Hex(545454)

	Hex(74815C)	Hex(A3A899)	Hex(81685C)	Hex(51544B)	Hex(D4D4D4)	Hex(545454)
Hex(74815C)		Ratio: 1.71 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(A3A899)	Ratio: 1.71 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(81685C)	Ratio: 1.24 Failed ⁵	Ratio: 2.12 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(51544B)	Ratio: 1.85 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 1.50 Failed ⁵		Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(D4D4D4)	Ratio: 2.81 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.82 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.47 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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