

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(813D0B) Hex(A88E7B) Hex(810B50) Hex(544539) Hex(D4D4D4) Hex(545454)

Hex(813D0B)		Ratio: 2.62 Failed⁵	Ratio: 1.24 Failed⁵	Ratio: 1.14 Failed⁵	Ratio: 5.44 AA¹ AAA 18pt⁴	Ratio: 1.06 Failed⁵
Hex(A88E7B)	Ratio: 2.62 Failed⁵		Ratio: 3.25 AA 18pt²	Ratio: 2.98 Failed⁵	Ratio: 2.08 Failed⁵	Ratio: 2.46 Failed⁵
Hex(810B50)	Ratio: 1.24 Failed⁵	Ratio: 3.25 AA 18pt²		Ratio: 1.09 Failed⁵	Ratio: 6.76 AA¹ AAA 18pt⁴	Ratio: 1.32 Failed⁵
Hex(544539)	Ratio: 1.14 Failed⁵	Ratio: 2.98 Failed⁵	Ratio: 1.09 Failed⁵		Ratio: 6.19 AA¹ AAA 18pt⁴	Ratio: 1.21 Failed⁵
Hex(D4D4D4)	Ratio: 5.44 AA¹ AAA 18pt⁴	Ratio: 2.08 Failed⁵	Ratio: 6.76 AA¹ AAA 18pt⁴	Ratio: 6.19 AA¹ AAA 18pt⁴		Ratio: 5.11 AA¹ AAA 18pt⁴
Hex(545454)	Ratio: 1.06 Failed⁵	Ratio: 2.46 Failed⁵	Ratio: 1.32 Failed⁵	Ratio: 1.21 Failed⁵	Ratio: 5.11 AA¹ AAA 18pt⁴	

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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