

Converting Colors - WCAG Matrix

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

Hex(800707) Hex(A67777) Hex(7E0780) Hex(543838) Hex(D4D4D4) Hex(545454)

	Hex(800707)	Hex(A67777)	Hex(7E0780)	Hex(543838)	Hex(D4D4D4)	Hex(545454)
Hex(800707)		Ratio: 2.83 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 7.26 Passed ⁶	Ratio: 1.42 Failed ⁵
Hex(A67777)	Ratio: 2.83 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(7E0780)	Ratio: 1.14 Failed ⁵	Ratio: 2.48 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(543838)	Ratio: 1.02 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 7.08 Passed ⁶	Ratio: 1.39 Failed ⁵
Hex(D4D4D4)	Ratio: 7.26 Passed ⁶	Ratio: 2.56 Failed ⁵	Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 7.08 Passed ⁶		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.42 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 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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