

Converting Colors - WCAG Matrix

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

Hex(800F0F) Hex(A67B7B) Hex(800F80) Hex(543A3A) Hex(D4D4D4) Hex(545454)

	Hex(800F0F)	Hex(A67B7B)	Hex(800F80)	Hex(543A3A)	Hex(D4D4D4)	Hex(545454)
Hex(800F0F)		Ratio: 2.88 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 7.11 Passed ⁶	Ratio: 1.39 Failed ⁵
Hex(A67B7B)	Ratio: 2.88 Failed ⁵		Ratio: 2.50 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(800F80)	Ratio: 1.15 Failed ⁵	Ratio: 2.50 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(543A3A)	Ratio: 1.03 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵
Hex(D4D4D4)	Ratio: 7.11 Passed ⁶	Ratio: 2.47 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 6.93 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.39 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.36 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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