

Converting Colors - WCAG Matrix

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

Hex(337F1A) Hex(88A67E) Hex(7F641A) Hex(42543C) Hex(D4D4D4) Hex(545454)

	Hex(337F1A)	Hex(88A67E)	Hex(7F641A)	Hex(42543C)	Hex(D4D4D4)	Hex(545454)
Hex(337F1A)		Ratio: 1.86 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(88A67E)	Ratio: 1.86 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(7F641A)	Ratio: 1.12 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(42543C)	Ratio: 1.63 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.46 Failed ⁵		Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(D4D4D4)	Ratio: 3.38 AA 18pt ²	Ratio: 1.82 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.52 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.51 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.08 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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