

Converting Colors - WCAG Matrix

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

Hex(821C16) Hex(A8807E) Hex(82167D) Hex(543C3B) Hex(D4D4D4) Hex(545454)

	Hex(821C16)	Hex(A8807E)	Hex(82167D)	Hex(543C3B)	Hex(D4D4D4)	Hex(545454)
Hex(821C16)		Ratio: 2.85 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵
Hex(A8807E)	Ratio: 2.85 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(82167D)	Ratio: 1.11 Failed ⁵	Ratio: 2.57 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(543C3B)	Ratio: 1.02 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(D4D4D4)	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 2.34 Failed ⁵	Ratio: 6.00 AA ¹ AAA 18pt ⁴	Ratio: 6.79 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.30 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.33 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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