

Converting Colors - WCAG Matrix

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

Hex(825555) Hex(A89696) Hex(825582) Hex(544949) Hex(D4D4D4) Hex(545454)

	Hex(825555)	Hex(A89696)	Hex(825582)	Hex(544949)	Hex(D4D4D4)	Hex(545454)
Hex(825555)		Ratio: 2.21 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 4.19 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(A89696)	Ratio: 2.21 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(825582)	Ratio: 1.06 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 1.29 Failed ⁵
Hex(544949)	Ratio: 1.39 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.47 Failed ⁵		Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(D4D4D4)	Ratio: 4.19 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 5.84 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.22 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 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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