

Converting Colors - WCAG Matrix

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

Hex(826565) Hex(A89D9D) Hex(826582) Hex(544D4D) Hex(D4D4D4) Hex(545454)

	Hex(826565)	Hex(A89D9D)	Hex(826582)	Hex(544D4D)	Hex(D4D4D4)	Hex(545454)
Hex(826565)		Ratio: 1.99 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 1.44 Failed ⁵
Hex(A89D9D)	Ratio: 1.99 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(826582)	Ratio: 1.03 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 1.49 Failed ⁵
Hex(544D4D)	Ratio: 1.57 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.62 Failed ⁵		Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(D4D4D4)	Ratio: 3.54 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 5.57 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.44 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.09 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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