

Converting Colors - WCAG Matrix

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

Hex(635B5E) Hex(827F80) Hex(605B63) Hex(424141) Hex(C2C2C2) Hex(424242)

	Hex(635B5E)	Hex(827F80)	Hex(605B63)	Hex(424141)	Hex(C2C2C2)	Hex(424242)
Hex(635B5E)		Ratio: 1.66 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(827F80)	Ratio: 1.66 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(605B63)	Ratio: 1.00 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(424141)	Ratio: 1.54 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(C2C2C2)	Ratio: 3.70 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.53 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 5.64 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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