

Converting Colors - WCAG Matrix

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

Hex(65012A) Hex(855D6D) Hex(3B0165) Hex(422A34) Hex(C2C2C2) Hex(424242)

	Hex(65012A)	Hex(855D6D)	Hex(3B0165)	Hex(422A34)	Hex(C2C2C2)	Hex(424242)
Hex(65012A)		Ratio: 2.38 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 7.41 Passed ⁶	Ratio: 1.31 Failed ⁵
Hex(855D6D)	Ratio: 2.38 Failed ⁵		Ratio: 2.75 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.81 Failed ⁵
Hex(3B0165)	Ratio: 1.15 Failed ⁵	Ratio: 2.75 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 8.55 Passed ⁶	Ratio: 1.52 Failed ⁵
Hex(422A34)	Ratio: 1.01 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 7.31 Passed ⁶	Ratio: 1.30 Failed ⁵
Hex(C2C2C2)	Ratio: 7.41 Passed ⁶	Ratio: 3.12 AA 18pt ²	Ratio: 8.55 Passed ⁶	Ratio: 7.31 Passed ⁶		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.31 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.30 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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