

Converting Colors - WCAG Matrix

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

Hex(808605) Hex(A5AD00) Hex(418605) Hex(42423C) Hex(7C8200) Hex(020300)

	Hex(808605)	Hex(A5AD00)	Hex(418605)	Hex(42423C)	Hex(7C8200)	Hex(020300)
Hex(808605)		Ratio: 1.61 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.25 AA ¹ AAA 18pt ⁴
Hex(A5AD00)	Ratio: 1.61 Failed ⁵		Ratio: 1.85 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 1.70 Failed ⁵	Ratio: 8.45 Passed ⁶
Hex(418605)	Ratio: 1.15 Failed ⁵	Ratio: 1.85 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(42423C)	Ratio: 2.57 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 2.23 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(7C8200)	Ratio: 1.06 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.43 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(020300)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 8.45 Passed ⁶	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 2.04 Failed ⁵	Ratio: 4.97 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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