

Converting Colors - WCAG Matrix

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

Hex(D4AB21) Hex(FFC500) Hex(A4D421) Hex(6B6960) Hex(AB8400) Hex(2B2100)

	Hex(D4AB21)	Hex(FFC500)	Hex(A4D421)	Hex(6B6960)	Hex(AB8400)	Hex(2B2100)
Hex(D4AB21)		Ratio: 1.37 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 7.31 Passed ⁶
Hex(FFC500)	Ratio: 1.37 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 10.03 Passed ⁶
Hex(A4D421)	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 9.10 Passed ⁶
Hex(6B6960)	Ratio: 2.53 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.15 AA 18pt ²		Ratio: 1.58 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(AB8400)	Ratio: 1.60 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 4.57 AA ¹ AAA 18pt ⁴
Hex(2B2100)	Ratio: 7.31 Passed ⁶	Ratio: 10.03 Passed ⁶	Ratio: 9.10 Passed ⁶	Ratio: 2.89 Failed ⁵	Ratio: 4.57 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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