

Converting Colors - WCAG Matrix

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

Hex(826100) Hex(FFF851) Hex(BD9300) Hex(DCAE00) Hex(FBC911) Hex(FFE53B)

	Hex(826100)	Hex(FFF851)	Hex(BD9300)	Hex(DCAE00)	Hex(FBC911)	Hex(FFE53B)
Hex(826100)		Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(FFF851)	Ratio: 5.14 AA ¹ AAA 18pt ⁴		Ratio: 2.56 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(BD9300)	Ratio: 2.01 Failed ⁵	Ratio: 2.56 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(DCAE00)	Ratio: 2.76 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(FBC911)	Ratio: 3.68 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(FFE53B)	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.23 Failed ⁵	

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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