

Converting Colors - WCAG Matrix

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

Hex(687600) Hex(879900) Hex(2D7600) Hex(3A3B35) Hex(6C7A00) Hex(DCFA00)

	Hex(687600)	Hex(879900)	Hex(2D7600)	Hex(3A3B35)	Hex(6C7A00)	Hex(DCFA00)
Hex(687600)		Ratio: 1.58 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.24 AA 18pt ²
Hex(879900)	Ratio: 1.58 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.49 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(2D7600)	Ratio: 1.13 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(3A3B35)	Ratio: 2.25 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.99 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 9.54 Passed ⁶
Hex(6C7A00)	Ratio: 1.06 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.38 Failed ⁵		Ratio: 4.01 AA 18pt ²
Hex(DCFA00)	Ratio: 4.24 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 9.54 Passed ⁶	Ratio: 4.01 AA 18pt ²	

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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