

Converting Colors - WCAG Matrix

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

Hex(5A6A00) Hex(758A00) Hex(256A00) Hex(353630) Hex(647500) Hex(D0F500)

	Hex(5A6A00)	Hex(758A00)	Hex(256A00)	Hex(353630)	Hex(647500)	Hex(D0F500)
Hex(5A6A00)		Ratio: 1.54 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴
Hex(758A00)	Ratio: 1.54 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.32 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(256A00)	Ratio: 1.11 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 5.33 AA ¹ AAA 18pt ⁴
Hex(353630)	Ratio: 2.03 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.82 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 9.72 Passed ⁶
Hex(647500)	Ratio: 1.17 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.37 Failed ⁵		Ratio: 4.10 AA 18pt ²
Hex(D0F500)	Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 3.11 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 9.72 Passed ⁶	Ratio: 4.10 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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