

Converting Colors - WCAG Matrix

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

Hex(66694B) Hex(858A5B) Hex(58694B) Hex(353630) Hex(6A7500) Hex(DCF500)

	Hex(66694B)	Hex(858A5B)	Hex(58694B)	Hex(353630)	Hex(6A7500)	Hex(DCF500)
Hex(66694B)		Ratio: 1.57 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 4.64 AA ¹ AAA 18pt ⁴
Hex(858A5B)	Ratio: 1.57 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(58694B)	Ratio: 1.04 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(353630)	Ratio: 2.14 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.05 Failed ⁵		Ratio: 2.41 Failed ⁵	Ratio: 9.93 Passed ⁶
Hex(6A7500)	Ratio: 1.13 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.41 Failed ⁵		Ratio: 4.11 AA 18pt ²
Hex(DCF500)	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 2.96 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 9.93 Passed ⁶	Ratio: 4.11 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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