

Converting Colors - WCAG Matrix

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

Hex(434F29) Hex(53662B) Hex(314F29) Hex(252622) Hex(466600) Hex(9DE600)

	Hex(434F29)	Hex(53662B)	Hex(314F29)	Hex(252622)	Hex(466600)	Hex(9DE600)
Hex(434F29)		Ratio: 1.38 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴
Hex(53662B)	Ratio: 1.38 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(314F29)	Ratio: 1.05 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(252622)	Ratio: 1.73 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.29 Failed ⁵	Ratio: 9.97 Passed ⁶
Hex(466600)	Ratio: 1.32 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 4.35 AA 18pt ²
Hex(9DE600)	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 4.16 AA 18pt ²	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 9.97 Passed ⁶	Ratio: 4.35 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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