

Converting Colors - WCAG Matrix

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

Hex(436439) Hex(2B4C23) Hex(14350D) Hex(002000) Hex(000000)

	Hex(436439)	Hex(2B4C23)	Hex(14350D)	Hex(002000)	Hex(000000)
Hex(436439)		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(2B4C23)	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(14350D)	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(002000)	Ratio: 2.59 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(000000)	Ratio: 3.12 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.21 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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