

Converting Colors - WCAG Matrix

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

Hex(49653A) Hex(324D24) Hex(1B360E) Hex(042100) Hex(000000)

	Hex(49653A)	Hex(324D24)	Hex(1B360E)	Hex(042100)	Hex(000000)
Hex(49653A)		Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(324D24)	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(1B360E)	Ratio: 2.03 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(042100)	Ratio: 2.62 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(000000)	Ratio: 3.21 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 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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