

Converting Colors - WCAG Matrix

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

Hex(557600) Hex(3B5D00) Hex(214500) Hex(022F00) Hex(001C00) Hex(000000)

	Hex(557600)	Hex(3B5D00)	Hex(214500)	Hex(022F00)	Hex(001C00)	Hex(000000)
Hex(557600)		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 3.98 AA 18pt ²
Hex(3B5D00)	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(214500)	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(022F00)	Ratio: 2.82 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(001C00)	Ratio: 3.41 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(000000)	Ratio: 3.98 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.17 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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