

Converting Colors - WCAG Matrix

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

Hex(697800) Hex(4E5F00) Hex(354700) Hex(1B3100) Hex(001D00) Hex(000000)

	Hex(697800)	Hex(4E5F00)	Hex(354700)	Hex(1B3100)	Hex(001D00)	Hex(000000)
Hex(697800)		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 4.29 AA 18pt ²
Hex(4E5F00)	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(354700)	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(1B3100)	Ratio: 2.89 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(001D00)	Ratio: 3.65 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.18 Failed ⁵
Hex(000000)	Ratio: 4.29 AA 18pt ²	Ratio: 2.96 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.18 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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