

Converting Colors - WCAG Matrix

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

Hex(001612) Hex(001C17) Hex(000F16) Hex(090A0A) Hex(004A3D) Hex(00C9A5)

	Hex(001612)	Hex(001C17)	Hex(000F16)	Hex(090A0A)	Hex(004A3D)	Hex(00C9A5)
Hex(001612)		Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 8.81 Passed ⁶
Hex(001C17)	Ratio: 1.05 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 8.40 Passed ⁶
Hex(000F16)	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 9.16 Passed ⁶
Hex(090A0A)	Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 9.34 Passed ⁶
Hex(004A3D)	Ratio: 1.82 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(00C9A5)	Ratio: 8.81 Passed ⁶	Ratio: 8.40 Passed ⁶	Ratio: 9.16 Passed ⁶	Ratio: 9.34 Passed ⁶	Ratio: 4.84 AA ¹ AAA 18pt ⁴	

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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