

Converting Colors - WCAG Matrix

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

	Hex(448181)	Hex(296868)	Hex(084F50)	Hex(003839)	Hex(002324)	Hex(00010F)	Hex(000000)
Hex(448181)		Ratio: 1.44 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 4.70 AA ¹ AAA 18pt ⁴
Hex(296868)	Ratio: 1.44 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 3.27 AA 18pt ²
Hex(084F50)	Ratio: 2.10 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(003839)	Ratio: 2.89 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(002324)	Ratio: 3.72 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(00010F)	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 3.24 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.01 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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