

Converting Colors - WCAG Matrix

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

	Hex(5A9884)	Hex(407E6B)	Hex(266553)	Hex(064C3C)	Hex(003526)	Hex(002111)	Hex(FFFFFF)
Hex(5A9884)		Ratio: 1.42 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²
Hex(407E6B)	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴
Hex(266553)	Ratio: 2.04 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 6.84 AA ¹ AAA 18pt ⁴
Hex(064C3C)	Ratio: 2.97 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 9.97 Passed ⁶
Hex(003526)	Ratio: 4.07 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 13.66 Passed ⁶
Hex(002111)	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 17.13 Passed ⁶
Hex(FFFFFF)	Ratio: 3.36 AA 18pt ²	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 9.97 Passed ⁶	Ratio: 13.66 Passed ⁶	Ratio: 17.13 Passed ⁶	

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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