

Converting Colors - WCAG Matrix

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

	Hex(607B8D)	Hex(476273)	Hex(2F4A5B)	Hex(183443)	Hex(001F2D)	Hex(000319)	Hex(000000)
Hex(607B8D)		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(476273)	Ratio: 1.45 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 3.26 AA 18pt ²
Hex(2F4A5B)	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(183443)	Ratio: 2.93 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(001F2D)	Ratio: 3.82 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(000319)	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 3.18 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.03 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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