

Converting Colors - WCAG Matrix

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

	Hex(527679)	Hex(3A5D60)	Hex(224649)	Hex(092F32)	Hex(001B1D)	Hex(000002)	Hex(000000)
Hex(527679)		Ratio: 1.45 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.22 AA 18pt ²	Ratio: 4.23 AA 18pt ²
Hex(3A5D60)	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(224649)	Ratio: 2.07 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(092F32)	Ratio: 2.89 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(001B1D)	Ratio: 3.60 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(000002)	Ratio: 4.22 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 4.23 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.00 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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