

Converting Colors - WCAG Matrix

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

	Hex(036A84)	Hex(00526B)	Hex(003B52)	Hex(00253B)	Hex(000B26)	Hex(00010F)	Hex(000000)
Hex(036A84)		Ratio: 1.40 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 3.40 AA 18pt ²
Hex(00526B)	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(003B52)	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(00253B)	Ratio: 2.56 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(000B26)	Ratio: 3.16 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(00010F)	Ratio: 3.36 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 3.40 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.08 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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