

Converting Colors - WCAG Matrix

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

Hex(3B5359) Hex(456973) Hex(3B4459) Hex(272A2B) Hex(00556B) Hex(00BBEB)

	Hex(3B5359)	Hex(456973)	Hex(3B4459)	Hex(272A2B)	Hex(00556B)	Hex(00BBEB)
Hex(3B5359)		Ratio: 1.37 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(456973)	Ratio: 1.37 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(3B4459)	Ratio: 1.19 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 4.32 AA 18pt ²
Hex(272A2B)	Ratio: 1.77 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 6.41 AA ¹ AAA 18pt ⁴
Hex(00556B)	Ratio: 1.02 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 3.71 AA 18pt ²
Hex(00BBEB)	Ratio: 3.63 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 4.32 AA 18pt ²	Ratio: 6.41 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²	

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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