

Converting Colors - WCAG Matrix

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

Hex(5F8BAE) Hex(68ADE3) Hex(5F64AE) Hex(4E5357) Hex(005496) Hex(000D17)

	Hex(5F8BAE)	Hex(68ADE3)	Hex(5F64AE)	Hex(4E5357)	Hex(005496)	Hex(000D17)
Hex(5F8BAE)		Ratio: 1.50 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴
Hex(68ADE3)	Ratio: 1.50 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 8.11 Passed ⁶
Hex(5F64AE)	Ratio: 1.48 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(4E5357)	Ratio: 2.15 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.45 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(005496)	Ratio: 2.14 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.45 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.53 Failed ⁵
Hex(000D17)	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 8.11 Passed ⁶	Ratio: 3.66 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 2.53 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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