

Converting Colors - WCAG Matrix

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

Hex(8D96E2) Hex(8C98FF) Hex(AE8DE2) Hex(656670) Hex(0013B0) Hex(000530)

	Hex(8D96E2)	Hex(8C98FF)	Hex(AE8DE2)	Hex(656670)	Hex(0013B0)	Hex(000530)
Hex(8D96E2)		Ratio: 1.06 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 7.13 Passed ⁶
Hex(8C98FF)	Ratio: 1.06 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 7.56 Passed ⁶
Hex(AE8DE2)	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 7.24 Passed ⁶
Hex(656670)	Ratio: 2.06 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(0013B0)	Ratio: 4.41 AA 18pt ²	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 4.48 AA 18pt ²	Ratio: 2.14 Failed ⁵		Ratio: 1.62 Failed ⁵
Hex(000530)	Ratio: 7.13 Passed ⁶	Ratio: 7.56 Passed ⁶	Ratio: 7.24 Passed ⁶	Ratio: 3.46 AA 18pt ²	Ratio: 1.62 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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