

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(8E9AC2) Hex(ACBFFC) Hex(9B8EC2) Hex(575961) Hex(0026A1) Hex(000821)

Hex(8E9AC2)		Ratio: 1.54 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 7.15 Passed ⁶
Hex(ACBFFC)	Ratio: 1.54 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 10.99 Passed ⁶
Hex(9B8EC2)	Ratio: 1.07 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 6.66 AA ¹ AAA 18pt ⁴
Hex(575961)	Ratio: 2.51 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.34 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(0026A1)	Ratio: 4.21 AA 18pt ²	Ratio: 6.48 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 1.68 Failed ⁵		Ratio: 1.70 Failed ⁵
Hex(000821)	Ratio: 7.15 Passed ⁶	Ratio: 10.99 Passed ⁶	Ratio: 6.66 AA ¹ AAA 18pt ⁴	Ratio: 2.85 Failed ⁵	Ratio: 1.70 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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