

Converting Colors - WCAG Matrix

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

Hex(ACADB0) Hex(DFE0E6) Hex(ADACB0) Hex(565759) Hex(002699) Hex(00061A)

	Hex(ACADB0)	Hex(DFE0E6)	Hex(ADACB0)	Hex(565759)	Hex(002699)	Hex(00061A)
Hex(ACADB0)		Ratio: 1.70 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 8.99 Passed ⁶
Hex(DFE0E6)	Ratio: 1.70 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 9.18 Passed ⁶	Ratio: 15.31 Passed ⁶
Hex(ADACB0)	Ratio: 1.01 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 3.21 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 8.94 Passed ⁶
Hex(565759)	Ratio: 3.22 AA 18pt ²	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 3.21 AA 18pt ²		Ratio: 1.67 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(002699)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 9.18 Passed ⁶	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.67 Failed ⁵		Ratio: 1.67 Failed ⁵
Hex(00061A)	Ratio: 8.99 Passed ⁶	Ratio: 15.31 Passed ⁶	Ratio: 8.94 Passed ⁶	Ratio: 2.79 Failed ⁵	Ratio: 1.67 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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