

Converting Colors - WCAG Matrix

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

Hex(ACAFB2) Hex(DFE6E8) Hex(ACADB2) Hex(555959) Hex(006599) Hex(00101A)

	Hex(ACAFB2)	Hex(DFE6E8)	Hex(ACADB2)	Hex(555959)	Hex(006599)	Hex(00101A)
Hex(ACAFB2)		Ratio: 1.74 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 8.75 Passed ⁶
Hex(DFE6E8)	Ratio: 1.74 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 15.26 Passed ⁶
Hex(ACADB2)	Ratio: 1.02 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 3.17 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 8.61 Passed ⁶
Hex(555959)	Ratio: 3.22 AA 18pt ²	Ratio: 5.62 AA ¹ AAA 18pt ⁴	Ratio: 3.17 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(006599)	Ratio: 2.87 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 2.82 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 3.05 AA 18pt ²
Hex(00101A)	Ratio: 8.75 Passed ⁶	Ratio: 15.26 Passed ⁶	Ratio: 8.61 Passed ⁶	Ratio: 2.72 Failed ⁵	Ratio: 3.05 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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