

Converting Colors - WCAG Matrix

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

Hex(8DABB0) Hex(AEDDE6) Hex(8D9AB0) Hex(505859) Hex(008299) Hex(001619)

	Hex(8DABB0)	Hex(AEDDE6)	Hex(8D9AB0)	Hex(505859)	Hex(008299)	Hex(001619)
Hex(8DABB0)		Ratio: 1.66 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 7.61 Passed ⁶
Hex(AEDDE6)	Ratio: 1.66 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 12.66 Passed ⁶
Hex(8D9AB0)	Ratio: 1.16 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 2.56 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 6.54 AA ¹ AAA 18pt ⁴
Hex(505859)	Ratio: 2.98 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 2.56 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(008299)	Ratio: 1.84 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 4.12 AA 18pt ²
Hex(001619)	Ratio: 7.61 Passed ⁶	Ratio: 12.66 Passed ⁶	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 2.55 Failed ⁵	Ratio: 4.12 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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