

Converting Colors - WCAG Matrix

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

Hex(001199) Hex(8B92C7) Hex(009987) Hex(404463) Hex(E3E3E3) Hex(636363)

	Hex(001199)	Hex(8B92C7)	Hex(009987)	Hex(404463)	Hex(E3E3E3)	Hex(636363)
Hex(001199)		Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 3.83 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 10.62 Passed ⁶	Ratio: 2.27 Failed ⁵
Hex(8B92C7)	Ratio: 4.57 AA ¹ AAA 18pt ⁴		Ratio: 1.19 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(009987)	Ratio: 3.83 AA 18pt ²	Ratio: 1.19 Failed ⁵		Ratio: 2.65 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(404463)	Ratio: 1.44 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.65 Failed ⁵		Ratio: 7.35 Passed ⁶	Ratio: 1.57 Failed ⁵
Hex(E3E3E3)	Ratio: 10.62 Passed ⁶	Ratio: 2.33 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 7.35 Passed ⁶		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 2.27 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	

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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