

Converting Colors - WCAG Matrix

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

Hex(00A4B0) Hex(A1E1E6) Hex(00B00C) Hex(497073) Hex(F2F2F2) Hex(737373)

	Hex(00A4B0)	Hex(A1E1E6)	Hex(00B00C)	Hex(497073)	Hex(F2F2F2)	Hex(737373)
Hex(00A4B0)		Ratio: 2.08 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(A1E1E6)	Ratio: 2.08 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(00B00C)	Ratio: 1.04 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(497073)	Ratio: 1.80 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.87 Failed ⁵		Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(F2F2F2)	Ratio: 2.70 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 4.87 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.57 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.24 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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