

Converting Colors - WCAG Matrix

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

Hex(008EB9) Hex(A8DFF0) Hex(00B928) Hex(4D6E78) Hex(F7F7F7) Hex(787878)

	Hex(008EB9)	Hex(A8DFF0)	Hex(00B928)	Hex(4D6E78)	Hex(F7F7F7)	Hex(787878)
Hex(008EB9)		Ratio: 2.60 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.17 Failed ⁵
Hex(A8DFF0)	Ratio: 2.60 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(00B928)	Ratio: 1.43 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 2.09 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(4D6E78)	Ratio: 1.46 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 2.09 Failed ⁵		Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(F7F7F7)	Ratio: 3.52 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.17 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 1.25 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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