

Converting Colors - WCAG Matrix

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

Hex(22FADC) Hex(00FFDC) Hex(22AEFA) Hex(707D7B) Hex(00BDA3) Hex(003D35)

	Hex(22FADC)	Hex(00FFDC)	Hex(22AEFA)	Hex(707D7B)	Hex(00BDA3)	Hex(003D35)
Hex(22FADC)		Ratio: 1.04 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 9.18 Passed ⁶
Hex(00FFDC)	Ratio: 1.04 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.85 Failed ⁵	Ratio: 9.50 Passed ⁶
Hex(22AEFA)	Ratio: 1.86 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(707D7B)	Ratio: 3.21 AA 18pt ²	Ratio: 3.33 AA 18pt ²	Ratio: 1.73 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(00BDA3)	Ratio: 1.79 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 5.12 AA ¹ AAA 18pt ⁴
Hex(003D35)	Ratio: 9.18 Passed ⁶	Ratio: 9.50 Passed ⁶	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 2.86 Failed ⁵	Ratio: 5.12 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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