

Converting Colors - WCAG Matrix

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

Hex(48F7B1) Hex(26FFA8) Hex(48E6F7) Hex(707D78) Hex(00BD71) Hex(003D25)

	Hex(48F7B1)	Hex(26FFA8)	Hex(48E6F7)	Hex(707D78)	Hex(00BD71)	Hex(003D25)
Hex(48F7B1)		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 8.98 Passed ⁶
Hex(26FFA8)	Ratio: 1.05 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 9.42 Passed ⁶
Hex(48E6F7)	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.85 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 8.23 Passed ⁶
Hex(707D78)	Ratio: 3.11 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 2.85 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 2.89 Failed ⁵
Hex(00BD71)	Ratio: 1.79 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 5.03 AA ¹ AAA 18pt ⁴
Hex(003D25)	Ratio: 8.98 Passed ⁶	Ratio: 9.42 Passed ⁶	Ratio: 8.23 Passed ⁶	Ratio: 2.89 Failed ⁵	Ratio: 5.03 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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