

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(81D6AD) Hex(85FFC4) Hex(81D5D6) Hex(606B66) Hex(00AB58) Hex(002B16)

Hex(81D6AD)		Ratio: 1.41 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 1.74 Failed ⁵	Ratio: 8.96 Passed ⁶
Hex(85FFC4)	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 2.45 Failed ⁵	Ratio: 12.60 Passed ⁶
Hex(81D5D6)	Ratio: 1.02 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 3.28 AA 18pt ²	Ratio: 1.78 Failed ⁵	Ratio: 9.15 Passed ⁶
Hex(606B66)	Ratio: 3.21 AA 18pt ²	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²		Ratio: 1.84 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(00AB58)	Ratio: 1.74 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 5.13 AA ¹ AAA 18pt ⁴
Hex(002B16)	Ratio: 8.96 Passed ⁶	Ratio: 12.60 Passed ⁶	Ratio: 9.15 Passed ⁶	Ratio: 2.79 Failed ⁵	Ratio: 5.13 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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