

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(2BC79E) Hex(0FFFC0) Hex(2BA3C7) Hex(5A6361) Hex(00A378) Hex(00241A)

Hex(2BC79E)		Ratio: 1.65 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 7.71 Passed ⁶
Hex(0FFFC0)	Ratio: 1.65 Failed ⁵		Ratio: 2.24 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 2.47 Failed ⁵	Ratio: 12.69 Passed ⁶
Hex(2BA3C7)	Ratio: 1.36 Failed ⁵	Ratio: 2.24 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 5.66 AA ¹ AAA 18pt ⁴
Hex(5A6361)	Ratio: 2.88 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 2.11 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(00A378)	Ratio: 1.50 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 5.14 AA ¹ AAA 18pt ⁴
Hex(00241A)	Ratio: 7.71 Passed ⁶	Ratio: 12.69 Passed ⁶	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 2.68 Failed ⁵	Ratio: 5.14 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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