

Converting Colors - WCAG Matrix

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

Hex(CACECE) Hex(FAFFFF) Hex(CACCCE) Hex(646666) Hex(00A6A6) Hex(002626)

	Hex(CACECE)	Hex(FAFFFF)	Hex(CACCCE)	Hex(646666)	Hex(00A6A6)	Hex(002626)
Hex(CACECE)		Ratio: 1.57 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 1.89 Failed ⁵	Ratio: 10.14 Passed ⁶
Hex(FAFFFF)	Ratio: 1.57 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 2.97 Failed ⁵	Ratio: 15.95 Passed ⁶
Hex(CACCCE)	Ratio: 1.01 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 3.59 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 9.99 Passed ⁶
Hex(646666)	Ratio: 3.64 AA 18pt ²	Ratio: 5.73 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²		Ratio: 1.93 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(00A6A6)	Ratio: 1.89 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(002626)	Ratio: 10.14 Passed ⁶	Ratio: 15.95 Passed ⁶	Ratio: 9.99 Passed ⁶	Ratio: 2.78 Failed ⁵	Ratio: 5.37 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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