

Converting Colors - WCAG Matrix

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

Hex(35C7C7) Hex(1FFFFFF) Hex(357EC7) Hex(5A6363) Hex(00A3A3) Hex(002424)

	Hex(35C7C7)	Hex(1FFFFFF)	Hex(357EC7)	Hex(5A6363)	Hex(00A3A3)	Hex(002424)
Hex(35C7C7)		Ratio: 1.66 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 7.94 Passed ⁶
Hex(1FFFFFF)	Ratio: 1.66 Failed ⁵		Ratio: 3.39 AA 18pt ²	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 2.48 Failed ⁵	Ratio: 13.15 Passed ⁶
Hex(357EC7)	Ratio: 2.05 Failed ⁵	Ratio: 3.39 AA 18pt ²		Ratio: 1.46 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.88 AA 18pt ²
Hex(5A6363)	Ratio: 2.98 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.46 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(00A3A3)	Ratio: 1.50 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 5.30 AA ¹ AAA 18pt ⁴
Hex(002424)	Ratio: 7.94 Passed ⁶	Ratio: 13.15 Passed ⁶	Ratio: 3.88 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 5.30 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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