

Converting Colors - WCAG Matrix

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

Hex(059999) Hex(8CC7C7) Hex(059905) Hex(406363) Hex(E3E3E3) Hex(636363)

	Hex(059999)	Hex(8CC7C7)	Hex(059905)	Hex(406363)	Hex(E3E3E3)	Hex(636363)
Hex(059999)		Ratio: 1.84 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(8CC7C7)	Ratio: 1.84 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(059905)	Ratio: 1.08 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(406363)	Ratio: 1.89 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 1.75 Failed ⁵		Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(E3E3E3)	Ratio: 2.72 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴		Ratio: 4.68 AA ¹ AAA 18pt ⁴
Hex(636363)	Ratio: 1.72 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.68 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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