

Converting Colors - WCAG Matrix

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

Hex(5EB3B3) Hex(C8E8E8) Hex(5EB35E) Hex(617575) Hex(F5F5F5) Hex(757575)

	Hex(5EB3B3)	Hex(C8E8E8)	Hex(5EB35E)	Hex(617575)	Hex(F5F5F5)	Hex(757575)
Hex(5EB3B3)		Ratio: 1.88 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(C8E8E8)	Ratio: 1.88 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(5EB35E)	Ratio: 1.06 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(617575)	Ratio: 1.99 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.88 Failed ⁵		Ratio: 4.47 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(F5F5F5)	Ratio: 2.25 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 4.47 AA 18pt ²		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.88 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 4.23 AA 18pt ²	

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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