

Converting Colors - WCAG Matrix

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

Hex(6EADB3) Hex(CCE6E8) Hex(6EB374) Hex(657475) Hex(F5F5F5) Hex(757575)

	Hex(6EADB3)	Hex(CCE6E8)	Hex(6EB374)	Hex(657475)	Hex(F5F5F5)	Hex(757575)
Hex(6EADB3)		Ratio: 1.94 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(CCE6E8)	Ratio: 1.94 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.20 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(6EB374)	Ratio: 1.01 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.83 Failed ⁵
Hex(657475)	Ratio: 1.92 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.94 Failed ⁵		Ratio: 4.47 AA 18pt ²	Ratio: 1.06 Failed ⁵
Hex(F5F5F5)	Ratio: 2.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 4.47 AA 18pt ²		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.82 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 1.83 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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