

Converting Colors - WCAG Matrix

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

Hex(A368B6) Hex(E6CEED) Hex(687CB6) Hex(736578) Hex(F7F7F7) Hex(787878)

	Hex(A368B6)	Hex(E6CEED)	Hex(687CB6)	Hex(736578)	Hex(F7F7F7)	Hex(787878)
Hex(A368B6)		Ratio: 2.77 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.10 Failed ⁵
Hex(E6CEED)	Ratio: 2.77 Failed ⁵		Ratio: 2.80 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(687CB6)	Ratio: 1.01 Failed ⁵	Ratio: 2.80 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 1.08 Failed ⁵
Hex(736578)	Ratio: 1.35 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.33 Failed ⁵		Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵
Hex(F7F7F7)	Ratio: 3.76 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴		Ratio: 4.12 AA 18pt ²
Hex(787878)	Ratio: 1.10 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.08 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 4.12 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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