

Converting Colors - WCAG Matrix

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

Hex(986EB3) Hex(DDCCE8) Hex(6E8AB3) Hex(6F6575) Hex(F5F5F5) Hex(757575)

	Hex(986EB3)	Hex(DDCCE8)	Hex(6E8AB3)	Hex(6F6575)	Hex(F5F5F5)	Hex(757575)
Hex(986EB3)		Ratio: 2.66 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.14 Failed ⁵
Hex(DDCCE8)	Ratio: 2.66 Failed ⁵		Ratio: 2.33 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(6E8AB3)	Ratio: 1.14 Failed ⁵	Ratio: 2.33 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 1.31 Failed ⁵
Hex(6F6575)	Ratio: 1.37 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.57 Failed ⁵		Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵
Hex(F5F5F5)	Ratio: 3.69 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.14 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.20 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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