

Converting Colors - WCAG Matrix

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

	Hex(5261B0)	Hex(6370B0)	Hex(757DB0)	Hex(878CB0)	Hex(999CB0)	Hex(ABABB0)	Hex(BABAB0)	Hex(CCC7B0)	Hex(DED6B0)	Hex(F0E6B0)
Hex(5261B0)		Ratio: 1.21 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(6370B0)	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 3.72 AA 18pt ²
Hex(757DB0)	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(878CB0)	Ratio: 1.73 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(999CB0)	Ratio: 2.09 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(ABABB0)	Ratio: 2.49 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(BABAB0)	Ratio: 2.91 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(CCC7B0)	Ratio: 3.35 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(DED6B0)	Ratio: 3.88 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(F0E6B0)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 2.60 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵	

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.

This PDF was generated on convertingcolors.com.