

Converting Colors - WCAG Matrix

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

	Hex(AD6AA6)	Hex(AD7BA8)	Hex(AD8CAA)	Hex(AD9EAC)	Hex(ADAFAE)	Hex(ADC0AF)	Hex(ADD2B1)	Hex(ADE3B3)	Hex(ADF4B5)	Hex(ADFFB6)
Hex(AD6AA6)		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.04 AA 18pt ²	Ratio: 3.29 AA 18pt ²
Hex(AD7BA8)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(AD8CAA)	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(AD9EAC)	Ratio: 1.53 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(ADAFAE)	Ratio: 1.77 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(ADC0AF)	Ratio: 2.03 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(ADD2B1)	Ratio: 2.34 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(ADE3B3)	Ratio: 2.67 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(ADF4B5)	Ratio: 3.04 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(ADFFB6)	Ratio: 3.29 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.08 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.

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