

Converting Colors - WCAG Matrix

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

Hex(DAC5D0) Hex(FFE0F0) Hex(DAC5C5) Hex(6E6368) Hex(AD0057) Hex(2E0017)

	Hex(DAC5D0)	Hex(FFE0F0)	Hex(DAC5C5)	Hex(6E6368)	Hex(AD0057)	Hex(2E0017)
Hex(DAC5D0)		Ratio: 1.33 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 11.41 Passed ⁶
Hex(FFE0F0)	Ratio: 1.33 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 15.22 Passed ⁶
Hex(DAC5C5)	Ratio: 1.01 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 3.50 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 11.32 Passed ⁶
Hex(6E6368)	Ratio: 3.53 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(AD0057)	Ratio: 4.42 AA 18pt ²	Ratio: 5.89 AA ¹ AAA 18pt ⁴	Ratio: 4.38 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(2E0017)	Ratio: 11.41 Passed ⁶	Ratio: 15.22 Passed ⁶	Ratio: 11.32 Passed ⁶	Ratio: 3.23 AA 18pt ²	Ratio: 2.58 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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