

Converting Colors - WCAG Matrix

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

Hex(C19DAD) Hex(FAC3DB) Hex(C19F9D) Hex(61575C) Hex(A10047) Hex(21000F)

	Hex(C19DAD)	Hex(FAC3DB)	Hex(C19F9D)	Hex(61575C)	Hex(A10047)	Hex(21000F)
Hex(C19DAD)		Ratio: 1.60 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 8.11 Passed ⁶
Hex(FAC3DB)	Ratio: 1.60 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 12.97 Passed ⁶
Hex(C19F9D)	Ratio: 1.00 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.88 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 8.13 Passed ⁶
Hex(61575C)	Ratio: 2.87 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 2.88 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A10047)	Ratio: 3.34 AA 18pt ²	Ratio: 5.33 AA ¹ AAA 18pt ⁴	Ratio: 3.34 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(21000F)	Ratio: 8.11 Passed ⁶	Ratio: 12.97 Passed ⁶	Ratio: 8.13 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 2.43 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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