

Converting Colors - WCAG Matrix

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

Hex(C0B0BB) Hex(FAE1F2) Hex(C0B0B3) Hex(61575E) Hex(A1006E) Hex(210017)

	Hex(C0B0BB)	Hex(FAE1F2)	Hex(C0B0B3)	Hex(61575E)	Hex(A1006E)	Hex(210017)
Hex(C0B0BB)		Ratio: 1.68 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 9.44 Passed ⁶
Hex(FAE1F2)	Ratio: 1.68 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 15.89 Passed ⁶
Hex(C0B0B3)	Ratio: 1.01 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 3.33 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 9.38 Passed ⁶
Hex(61575E)	Ratio: 3.35 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 3.33 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A1006E)	Ratio: 3.71 AA 18pt ²	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 2.54 Failed ⁵
Hex(210017)	Ratio: 9.44 Passed ⁶	Ratio: 15.89 Passed ⁶	Ratio: 9.38 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 2.54 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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