

Converting Colors - WCAG Matrix

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

Hex(C4829A) Hex(FF99BE) Hex(BBC482) Hex(61575B) Hex(A1003B) Hex(21000C)

	Hex(C4829A)	Hex(FF99BE)	Hex(BBC482)	Hex(61575B)	Hex(A1003B)	Hex(21000C)
Hex(C4829A)		Ratio: 1.51 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 6.55 AA ¹ AAA 18pt ⁴
Hex(FF99BE)	Ratio: 1.51 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 4.09 AA 18pt ²	Ratio: 9.86 Passed ⁶
Hex(BBC482)	Ratio: 1.62 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 3.75 AA 18pt ²	Ratio: 4.39 AA 18pt ²	Ratio: 10.59 Passed ⁶
Hex(61575B)	Ratio: 2.32 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 3.75 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(A1003B)	Ratio: 2.72 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 4.39 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 2.41 Failed ⁵
Hex(21000C)	Ratio: 6.55 AA ¹ AAA 18pt ⁴	Ratio: 9.86 Passed ⁶	Ratio: 10.59 Passed ⁶	Ratio: 2.82 Failed ⁵	Ratio: 2.41 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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