

Converting Colors - WCAG Matrix

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

Hex(D0929A) Hex(FFA3AE) Hex(92D0A9) Hex(695E5F) Hex(A80014) Hex(290005)

	Hex(D0929A)	Hex(FFA3AE)	Hex(92D0A9)	Hex(695E5F)	Hex(A80014)	Hex(290005)
Hex(D0929A)		Ratio: 1.34 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 7.53 Passed ⁶
Hex(FFA3AE)	Ratio: 1.34 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 10.13 Passed ⁶
Hex(92D0A9)	Ratio: 1.43 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.51 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 10.78 Passed ⁶
Hex(695E5F)	Ratio: 2.45 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 3.51 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A80014)	Ratio: 3.09 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 4.42 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(290005)	Ratio: 7.53 Passed ⁶	Ratio: 10.13 Passed ⁶	Ratio: 10.78 Passed ⁶	Ratio: 3.07 AA 18pt ²	Ratio: 2.44 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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