

Converting Colors - WCAG Matrix

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

Hex(DEA3BF) Hex(FFADD4) Hex(DEA4A3) Hex(70656A) Hex(B00054) Hex(300017)

	Hex(DEA3BF)	Hex(FFADD4)	Hex(DEA4A3)	Hex(70656A)	Hex(B00054)	Hex(300017)
Hex(DEA3BF)		Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 8.87 Passed ⁶
Hex(FFADD4)	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 10.70 Passed ⁶
Hex(DEA4A3)	Ratio: 1.02 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.65 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 8.74 Passed ⁶
Hex(70656A)	Ratio: 2.69 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 2.65 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(B00054)	Ratio: 3.40 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(300017)	Ratio: 8.87 Passed ⁶	Ratio: 10.70 Passed ⁶	Ratio: 8.74 Passed ⁶	Ratio: 3.30 AA 18pt ²	Ratio: 2.61 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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