

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(DEAED0) Hex(FFBDEC) Hex(B8DEAE) Hex(70656D) Hex(B0007D) Hex(300022)

	Hex(DEAED0)	Hex(FFBDEC)	Hex(B8DEAE)	Hex(70656D)	Hex(B0007D)	Hex(300022)
Hex(DEAED0)		Ratio: 1.24 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 9.64 Passed ⁶
Hex(FFBDEC)	Ratio: 1.24 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 11.96 Passed ⁶
Hex(B8DEAE)	Ratio: 1.27 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 3.74 AA 18pt ²	Ratio: 4.49 AA 18pt ²	Ratio: 12.27 Passed ⁶
Hex(70656D)	Ratio: 2.94 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 3.74 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(B0007D)	Ratio: 3.52 AA 18pt ²	Ratio: 4.37 AA 18pt ²	Ratio: 4.49 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 2.74 Failed ⁵
Hex(300022)	Ratio: 9.64 Passed ⁶	Ratio: 11.96 Passed ⁶	Ratio: 12.27 Passed ⁶	Ratio: 3.28 AA 18pt ²	Ratio: 2.74 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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