

Converting Colors - WCAG Matrix

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

Hex(FFDEEA) Hex(FFD6E5) Hex(FBFFDE) Hex(807377) Hex(BF0046) Hex(400017)

	Hex(FFDEEA)	Hex(FFD6E5)	Hex(FBFFDE)	Hex(807377)	Hex(BF0046)	Hex(400017)
Hex(FFDEEA)		Ratio: 1.06 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 3.64 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 13.73 Passed ⁶
Hex(FFD6E5)	Ratio: 1.06 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 13.01 Passed ⁶
Hex(FBFFDE)	Ratio: 1.21 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 4.41 AA 18pt ²	Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 16.63 Passed ⁶
Hex(807377)	Ratio: 3.64 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 4.41 AA 18pt ²		Ratio: 1.40 Failed ⁵	Ratio: 3.77 AA 18pt ²
Hex(BF0046)	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 6.19 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵		Ratio: 2.69 Failed ⁵
Hex(400017)	Ratio: 13.73 Passed ⁶	Ratio: 13.01 Passed ⁶	Ratio: 16.63 Passed ⁶	Ratio: 3.77 AA 18pt ²	Ratio: 2.69 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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