

Converting Colors - WCAG Matrix

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

Hex(FFDBEB) Hex(FFD4E7) Hex(DBFFDD) Hex(807378) Hex(BF0055) Hex(40001C)

	Hex(FFDBEB)	Hex(FFD4E7)	Hex(DBFFDD)	Hex(807378)	Hex(BF0055)	Hex(40001C)
Hex(FFDBEB)		Ratio: 1.05 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 13.43 Passed ⁶
Hex(FFD4E7)	Ratio: 1.05 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.41 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 12.81 Passed ⁶
Hex(DBFFDD)	Ratio: 1.17 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 4.17 AA 18pt ²	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 15.68 Passed ⁶
Hex(807378)	Ratio: 3.57 AA 18pt ²	Ratio: 3.41 AA 18pt ²	Ratio: 4.17 AA 18pt ²		Ratio: 1.39 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(BF0055)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(40001C)	Ratio: 13.43 Passed ⁶	Ratio: 12.81 Passed ⁶	Ratio: 15.68 Passed ⁶	Ratio: 3.76 AA 18pt ²	Ratio: 2.71 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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