

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(F0DDF0) Hex(FFE8FF) Hex(F0DDE7) Hex(786C78) Hex(B500B8) Hex(370038)

Hex(F0DDF0)		Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 13.37 Passed ⁶
Hex(FFE8FF)	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 4.33 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 14.95 Passed ⁶
Hex(F0DDE7)	Ratio: 1.01 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 3.84 AA 18pt ²	Ratio: 4.43 AA 18pt ²	Ratio: 13.28 Passed ⁶
Hex(786C78)	Ratio: 3.87 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 3.84 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(B500B8)	Ratio: 4.46 AA 18pt ²	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 4.43 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 3.00 AA 18pt ²
Hex(370038)	Ratio: 13.37 Passed ⁶	Ratio: 14.95 Passed ⁶	Ratio: 13.28 Passed ⁶	Ratio: 3.46 AA 18pt ²	Ratio: 3.00 AA 18pt ²	

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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