

Converting Colors - WCAG Matrix

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

Hex(EFD9EE) Hex(FFE3FE) Hex(EFD9E3) Hex(786C77) Hex(B800AF) Hex(380036)

Hex(EFD9EE)		Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 4.33 AA 18pt ²	Ratio: 12.96 Passed ⁶
Hex(FFE3FE)	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 14.47 Passed ⁶
Hex(EFD9E3)	Ratio: 1.01 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 3.73 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 12.86 Passed ⁶
Hex(786C77)	Ratio: 3.76 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 3.73 AA 18pt ²		Ratio: 1.15 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(B800AF)	Ratio: 4.33 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 4.29 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 2.99 Failed ⁵
Hex(380036)	Ratio: 12.96 Passed ⁶	Ratio: 14.47 Passed ⁶	Ratio: 12.86 Passed ⁶	Ratio: 3.45 AA 18pt ²	Ratio: 2.99 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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