

Converting Colors - WCAG Matrix

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

Hex(EFD0DE) Hex(FFD9EA) Hex(D0EFD2) Hex(786C71) Hex(B80051) Hex(380019)

	Hex(EFD0DE)	Hex(FFD9EA)	Hex(D0EFD2)	Hex(786C71)	Hex(B80051)	Hex(380019)
Hex(EFD0DE)		Ratio: 1.11 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 12.47 Passed ⁶
Hex(FFD9EA)	Ratio: 1.11 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 13.84 Passed ⁶
Hex(D0EFD2)	Ratio: 1.15 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 4.06 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 14.35 Passed ⁶
Hex(786C71)	Ratio: 3.53 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 4.06 AA 18pt ²		Ratio: 1.32 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(B80051)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵		Ratio: 2.67 Failed ⁵
Hex(380019)	Ratio: 12.47 Passed ⁶	Ratio: 13.84 Passed ⁶	Ratio: 14.35 Passed ⁶	Ratio: 3.54 AA 18pt ²	Ratio: 2.67 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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