


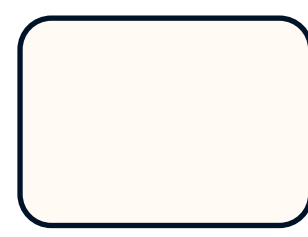

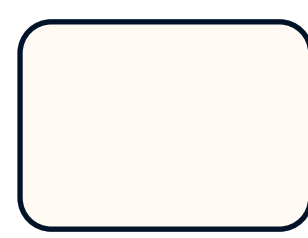

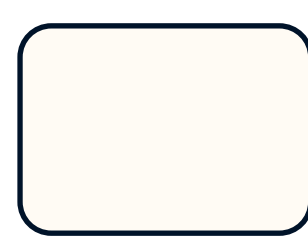
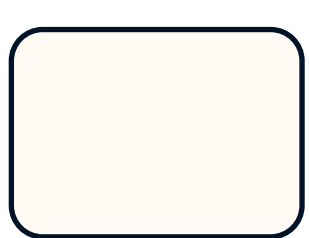





# ACCESSIBILITY AUDIT

I began designing my High Fidelity Mockups by initially creating the following 6 screens, which I tested for accessibility using the WebAIM Contrast Checker and the Color Blindness Simulator.

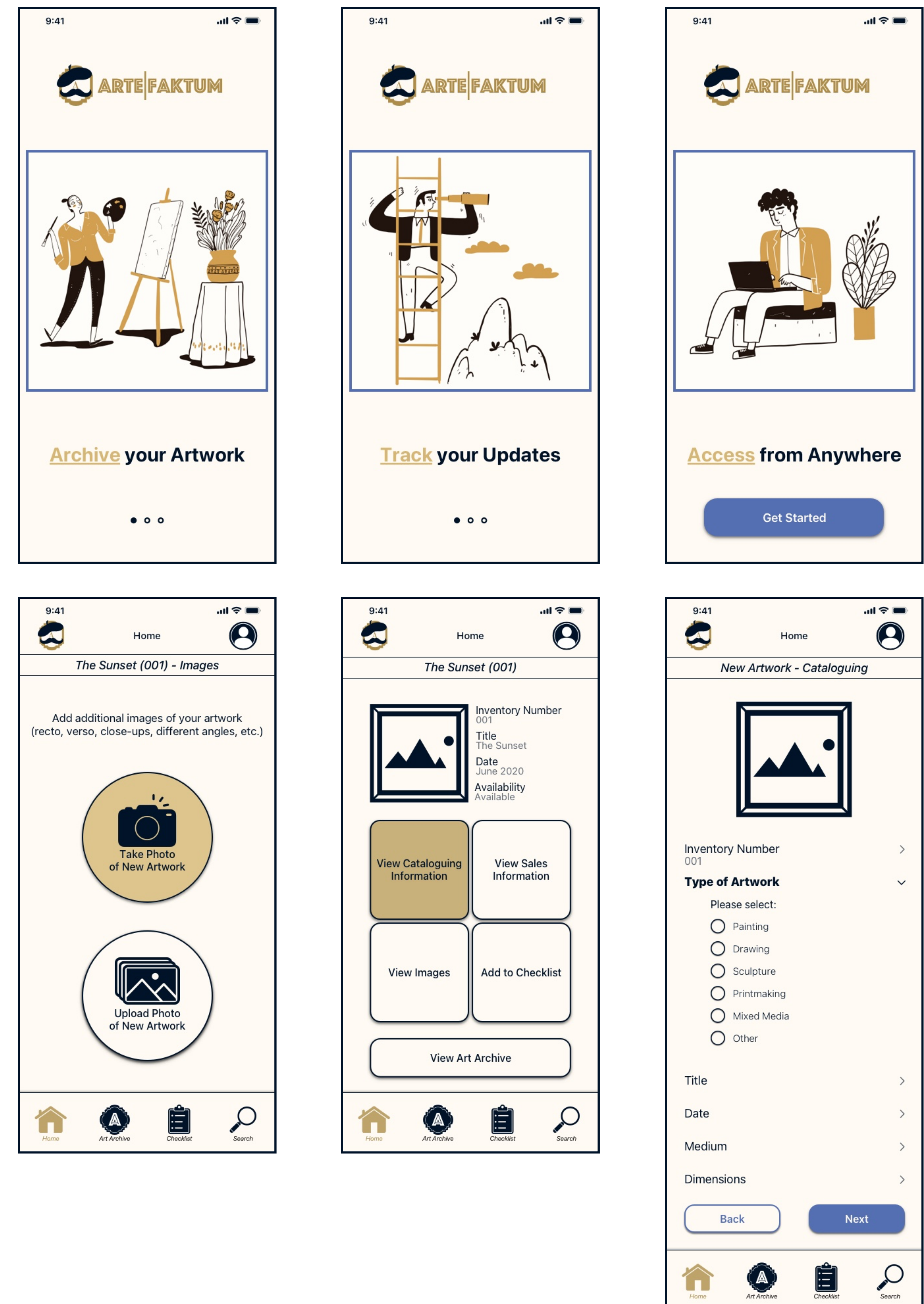
## WebAIM Contrast Checker

According to the contrast checker, there is a contrast issue with one of the color combinations: Light Gold (#D6B775) on Archival (#FFFBF4).

Foreground	Background	Contrast Ratio
 Dark Blue #001329	 Archival #FFFBF4	<b>18.09:1</b> Pass all categories
 Light Blue #5570B2	 Archival #FFFBF4	<b>4.68:1</b> Pass for normal text WCAG AA, for large text WCAG AA and WCAG AAA, and for Graphical objects and user interface components
 Light Gold #D6B775	 Archival #FFFBF4	<b>1.86:1</b> Fail
 Dark Gold #AD8D49	 Archival #FFFBF4	<b>3.04:1</b> Pass for large text WCAG AA and for Graphical objects and user interface components
 Archival #FFFBF4	 Light Blue #5570B2	<b>4.83:1</b> Pass for normal text WCAG AA, for large text WCAG AA and WCAG AAA, and for Graphical objects and user interface components
 Dark Blue #001329	 Light Gold #D6B775	<b>9.67:1</b> Pass all categories

## Color Blindness Simulator

According to the Coblis color blindness simulator, everything remains visible and clear on these 6 screens when simulating different color blindness scenarios.





# ACCESSIBILITY AUDIT

## Color Variations

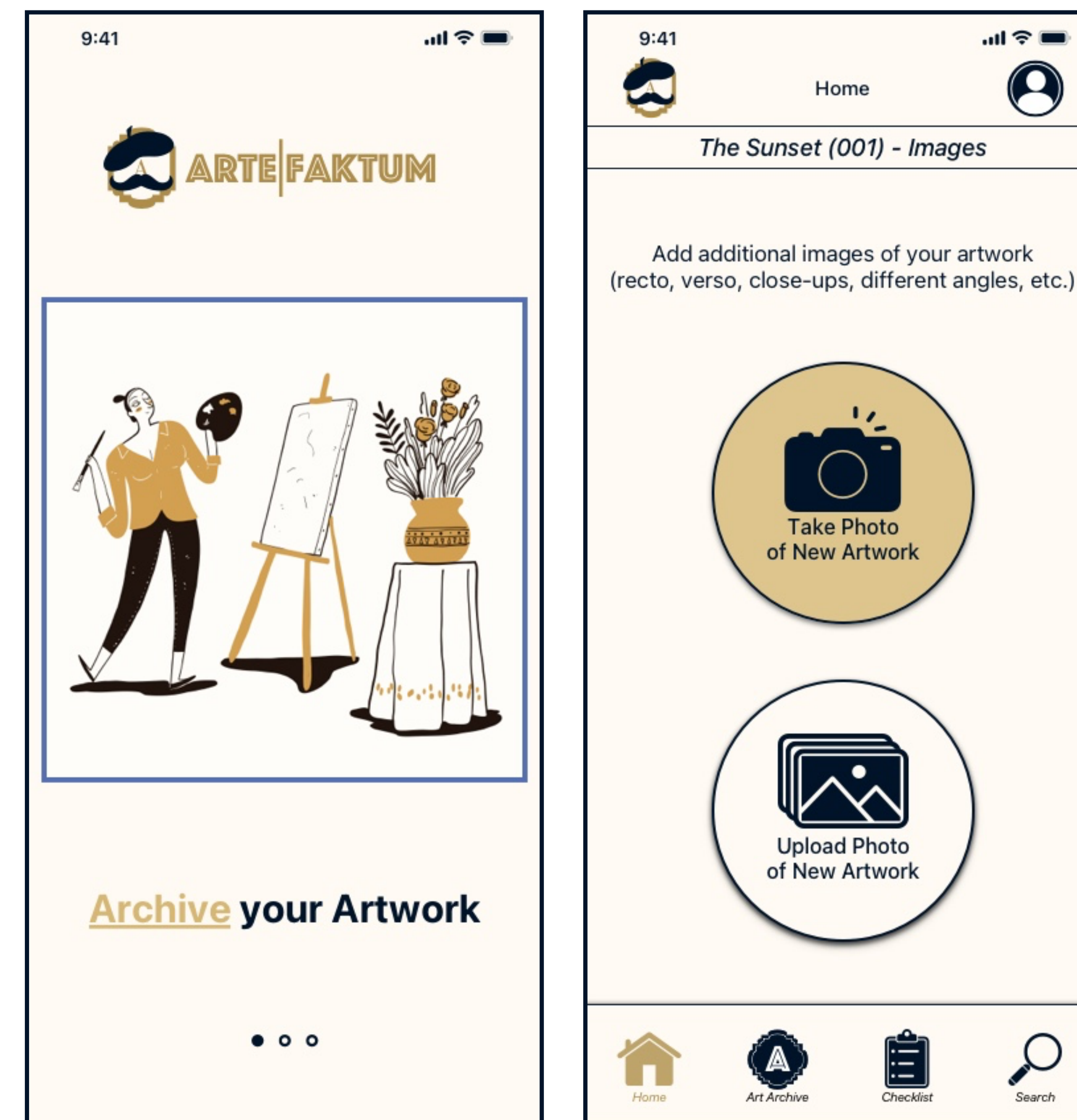
In order to fix the color contrast issue with the Light Gold (#D6B775) foreground on Archival (#FFFBF4) background, I made 3 additional versions replacing Light Gold with 3 other colors:

- Dark Gold (#AD8D49) - already in the color palette
- Light Orange Gold (#D3A051) - a color taken from the onboarding illustrations
- Dark Orange Gold (#C08630) - a darker version of Light Orange Gold

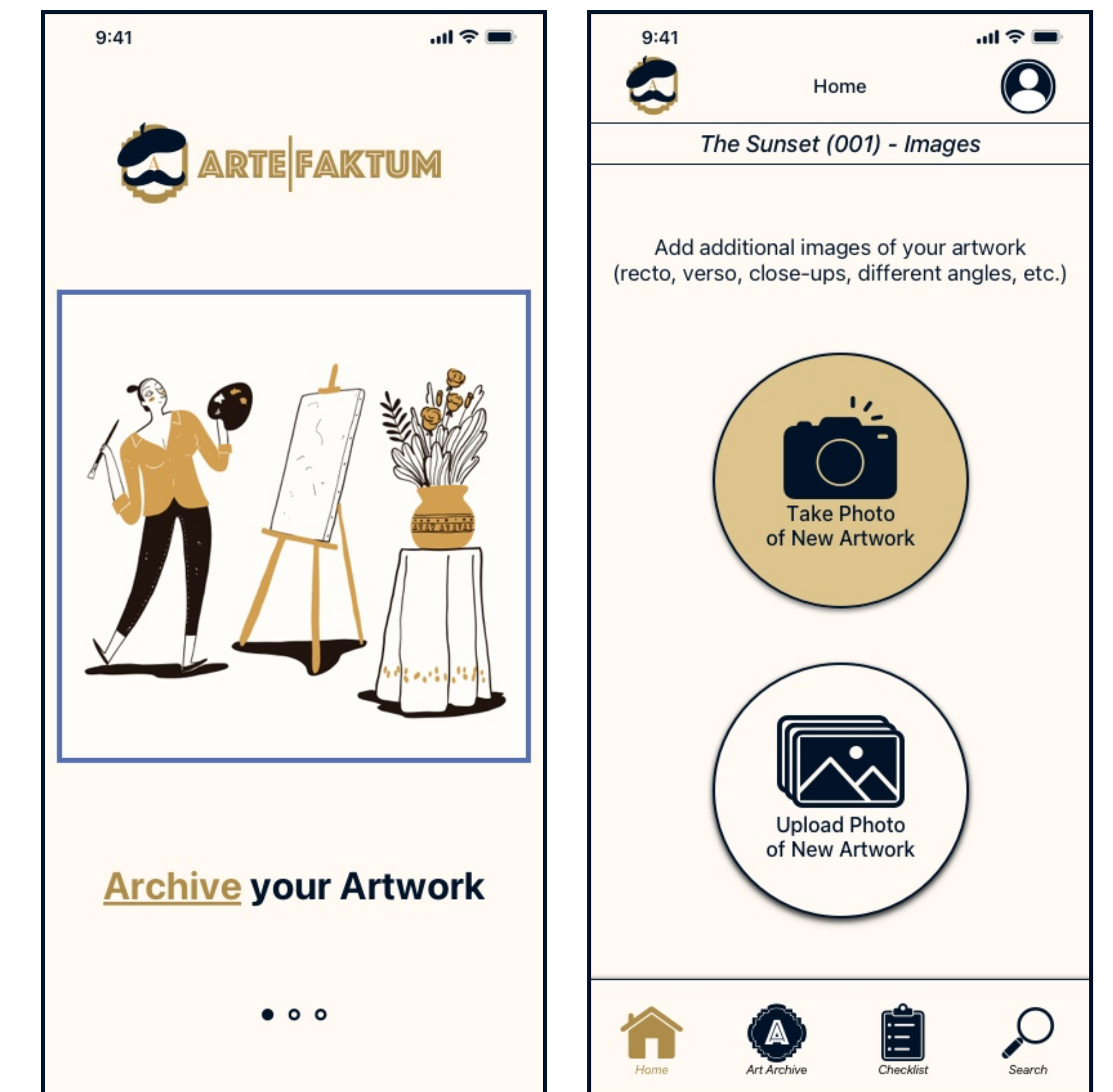
Upon checking the color contrast of these three colors with Archival (#FFFBF4), I discovered that only Dark Gold and Dark Orange Gold pass the contrast test.

Since Dark Gold is already in the **Arte|Faktum** color palette, I decided to use that color and to continue using Light Gold when it's not directly beside Archival (such as the Take Photo icon, which has a dark border).

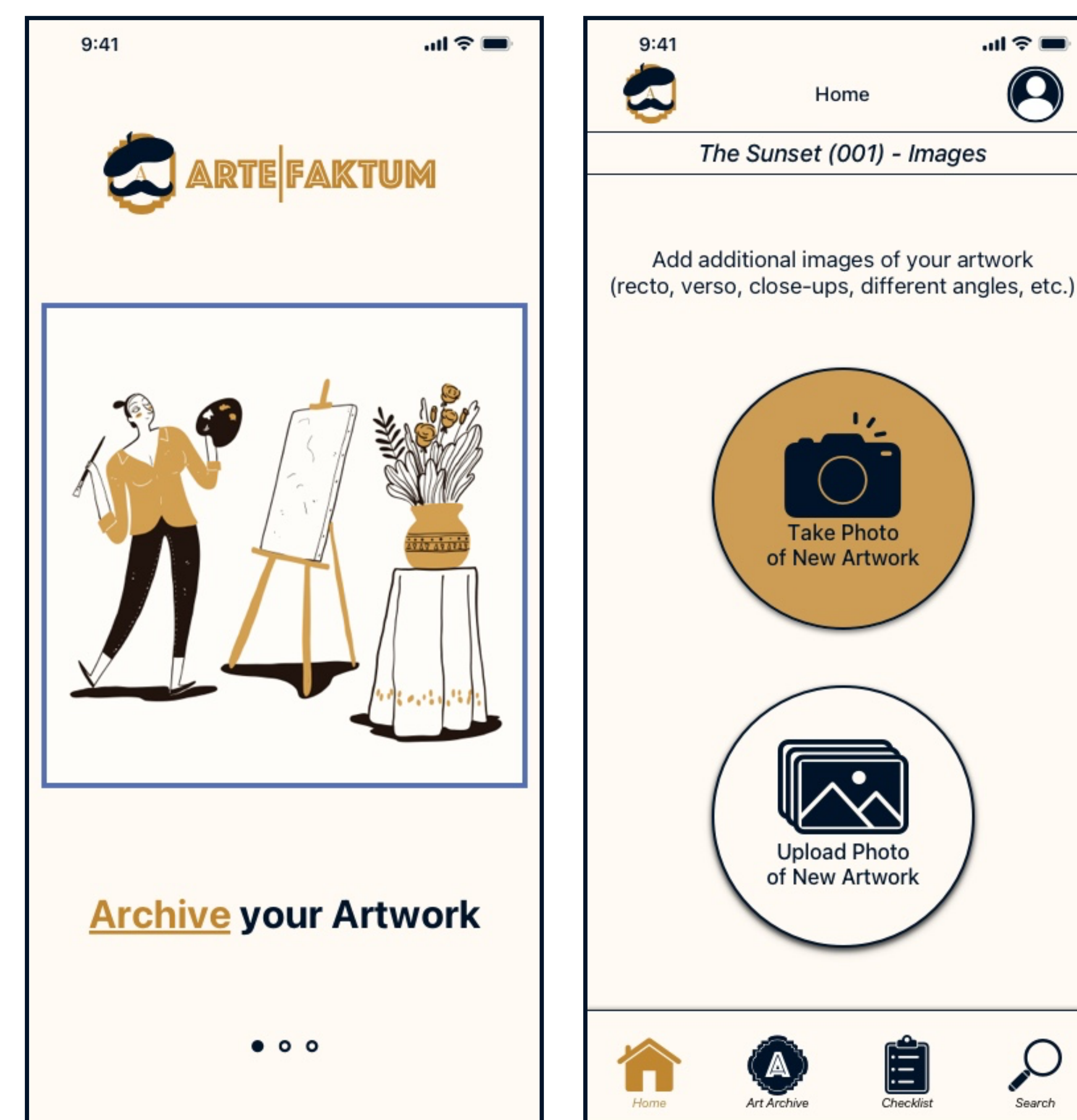
Light Gold #D6B775  
 Contrast ratio with FFFBF4  
**1.86:1**  
 Fail all categories



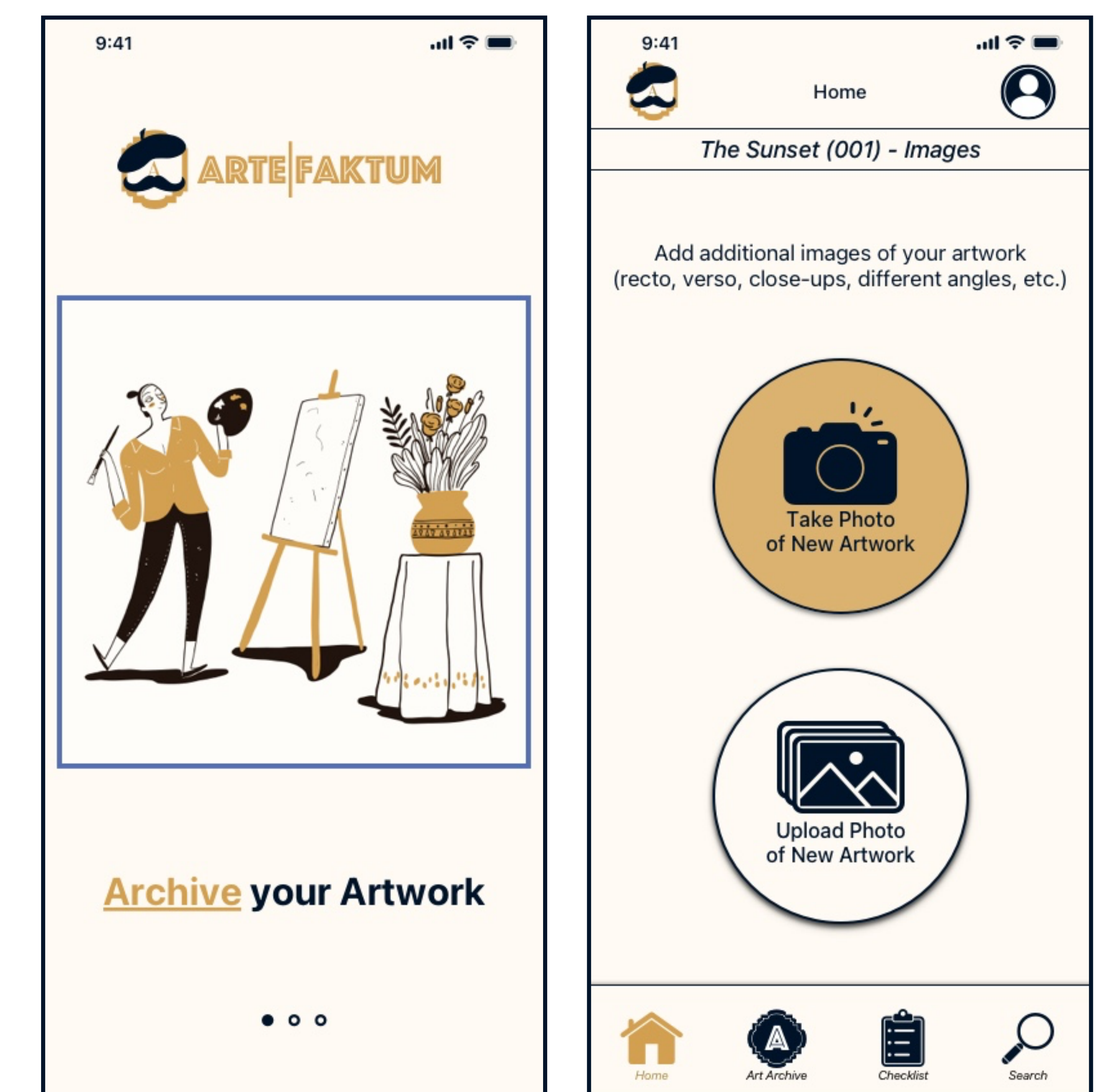
Dark Gold #AD8D49  
 Contrast ratio with FFFBF4  
**3.04:1**  
 Pass large text WCAG AA and Graphical objects and user interface components



Dark Orange Gold #C08630  
 Contrast ratio with FFFBF4  
**3.04:1**  
 Pass large text WCAG AA and Graphical objects and user interface components



Light Orange Gold #D3A051  
 Contrast ratio with FFFBF4  
**2.28:1**  
 Fail all categories






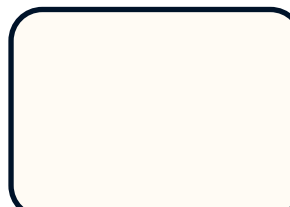
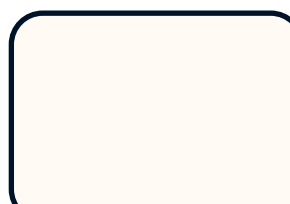







# ACCESSIBILITY AUDIT

## Updated Screens and Contrast Checker

I removed the color combination Light Gold (#D6B775) on Archival (#FFFBF4) and replaced Light Gold with Dark Gold in areas with problematic color contrast. I amended the colors in my 6 screens based on the findings from my accessibility audit.

Foreground	Background	Contrast Ratio
 Dark Blue #001329	 Archival #FFFBF4	<b>18.09:1</b> Pass all categories
 Light Blue #5570B2	 Archival #FFFBF4	<b>4.68:1</b> Pass for normal text WCAG AA, for large text WCAG AA and WCAG AAA, and for Graphical objects and user interface components
 Dark Gold #AD8D49	 Archival #FFFBF4	<b>3.04:1</b> Pass for large text WCAG AA and for Graphical objects and user interface components
 Archival #FFFBF4	 Light Blue #5570B2	<b>4.83:1</b> Pass for normal text WCAG AA, for large text WCAG AA and WCAG AAA, and for Graphical objects and user interface components
 Dark Blue #001329	 Light Gold #D6B775	<b>9.67:1</b> Pass all categories

