

Complete the claimed points and sections below.

Total Points Claimed **100 / 160**

Core	
1. Toy Problem	20 / 20
2. Poisson blending	50 / 50
3. Mixed gradients	20 / 20
4. Quality of results / report	10 / 10

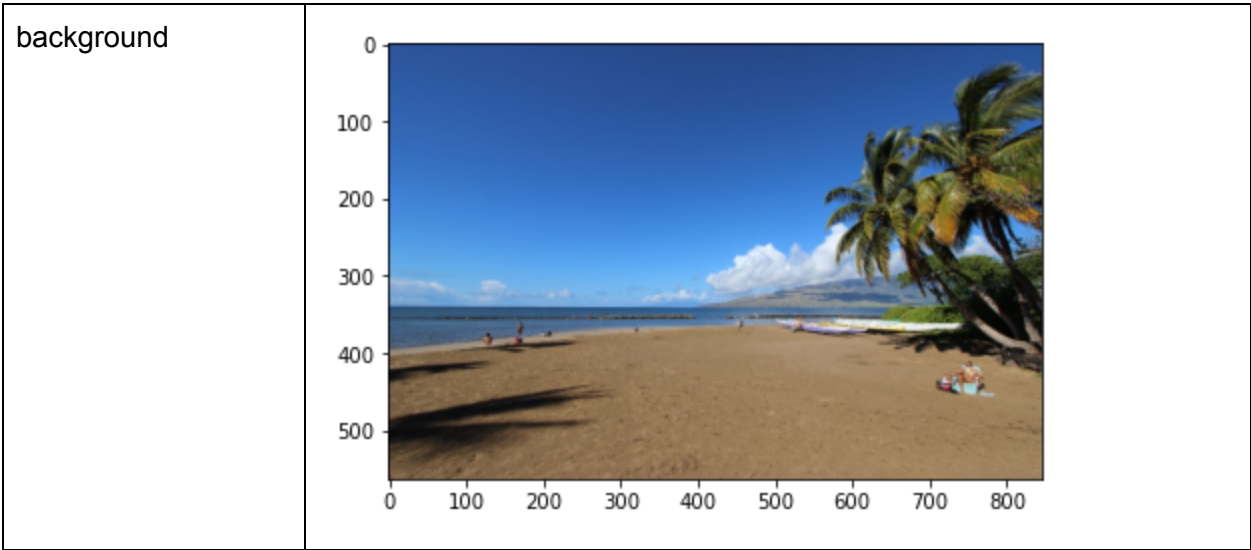
B&W	
5. Color2Gray	0 / 20
6. Laplacian Pyramid Blending	0 / 20
7. More gradient domain processing	0 / 20


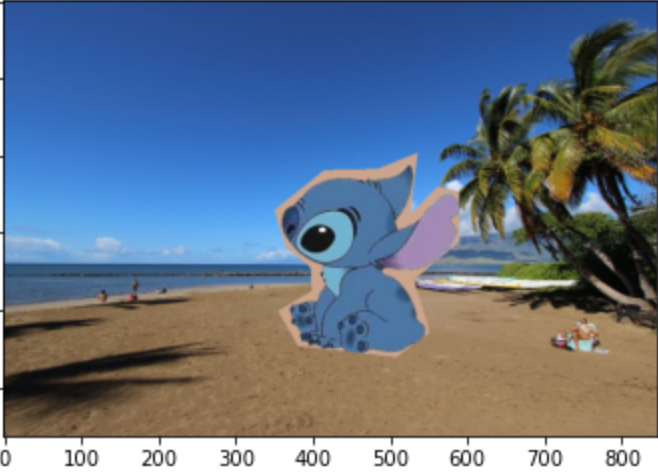

1. Toy problem

Max error is: 7.5332676048867064e-06

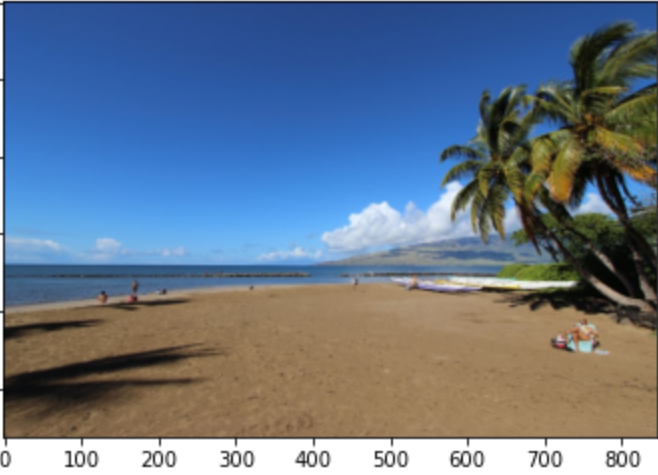


2. Poisson blending

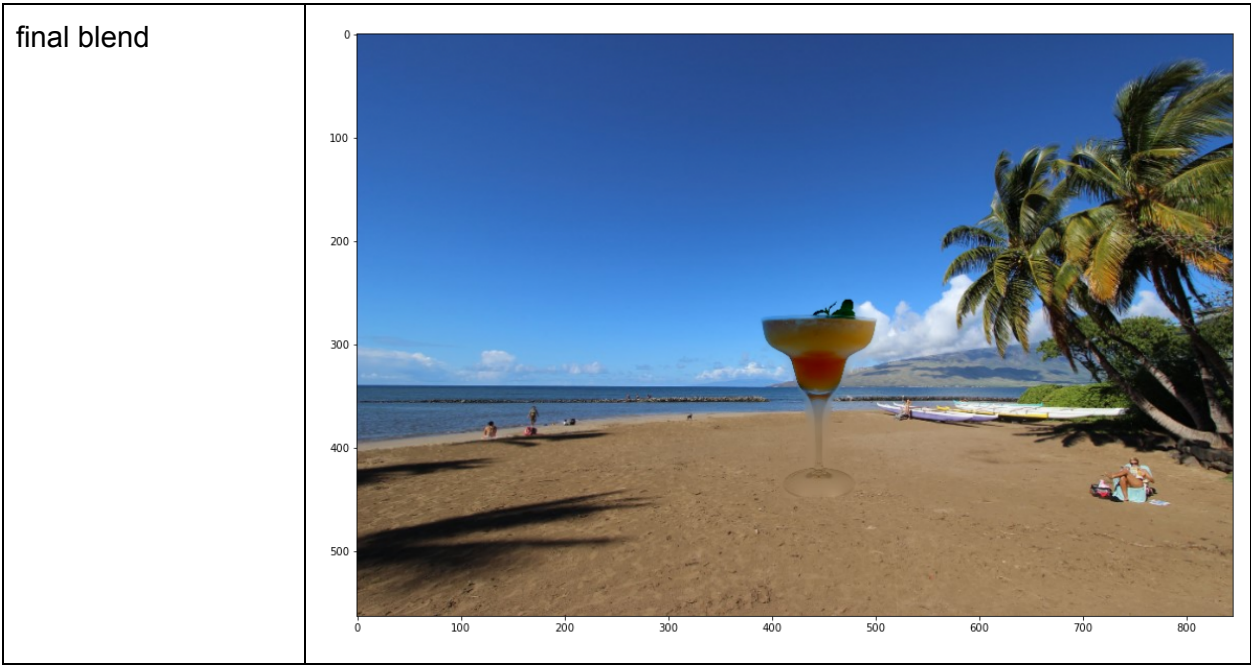
Favorite:



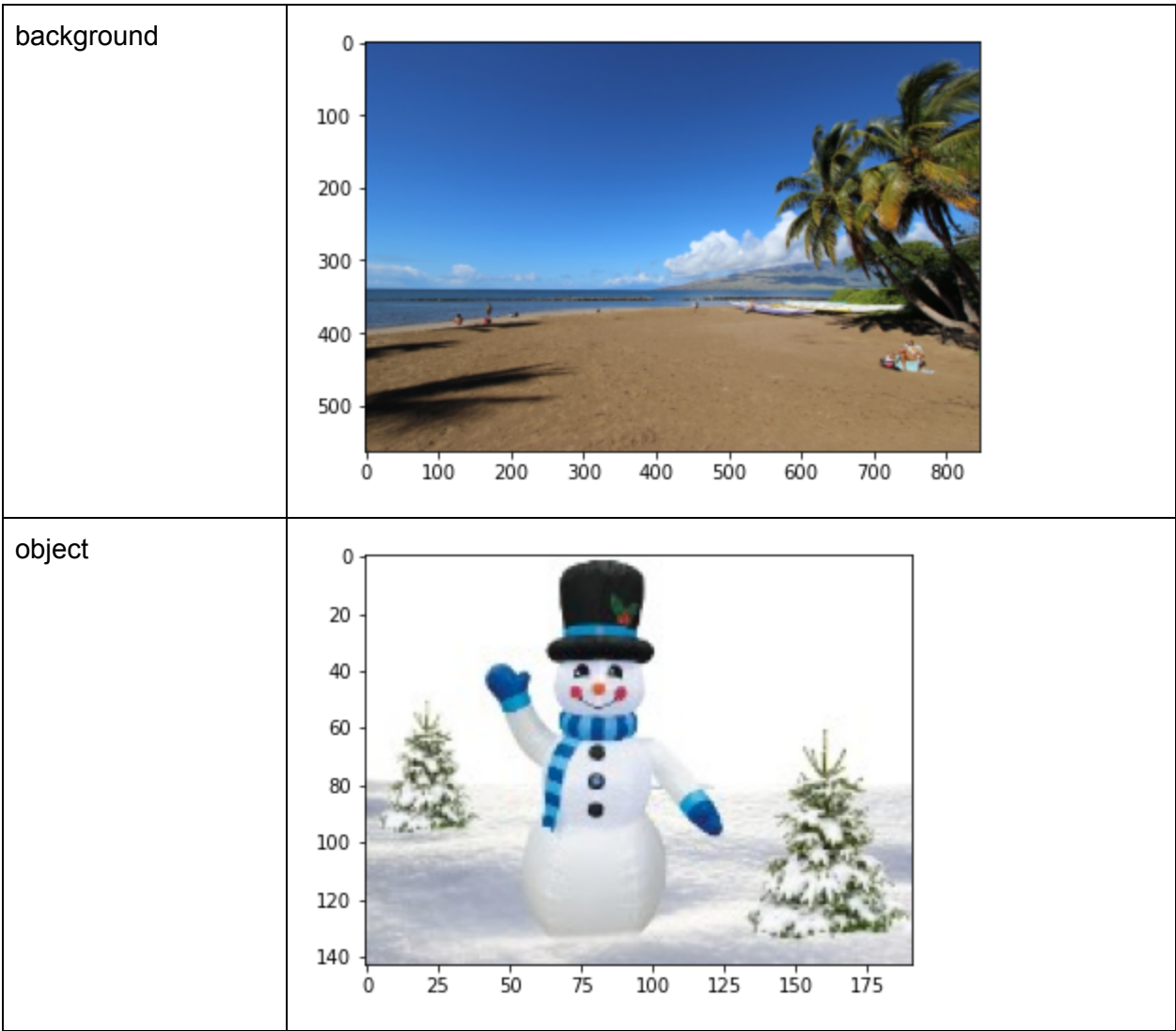
object	
direct paste	
final blend	

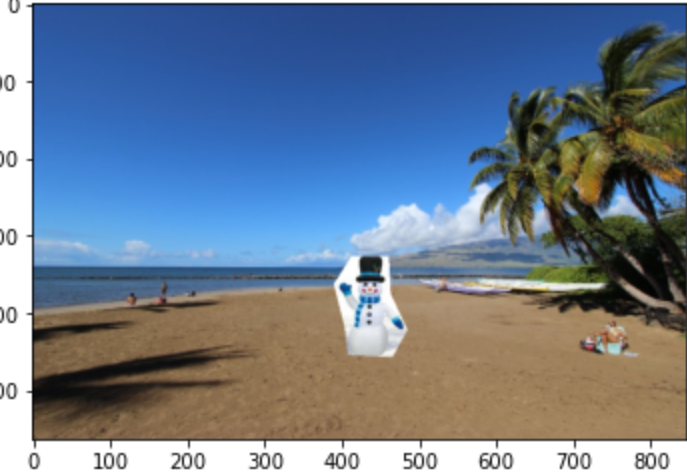

Good:

background	
object	
direct paste	



Failure:



direct paste	 <p>A direct paste of a snowman onto a beach background. The snowman is white with a black top hat, blue scarf, and blue buttons. It is positioned in the center of the frame. The background is a beach scene with palm trees, a blue sky, and a body of water. The snowman's white color is not blended with the background, making it look like a separate object pasted on top.</p>
final blend	 <p>A final blend of a snowman onto a beach background. The snowman is white with a black top hat, blue scarf, and blue buttons. It is positioned in the center of the frame. The background is a beach scene with palm trees, a blue sky, and a body of water. The snowman's white color is blended with the background, making it look like a separate object pasted on top.</p>

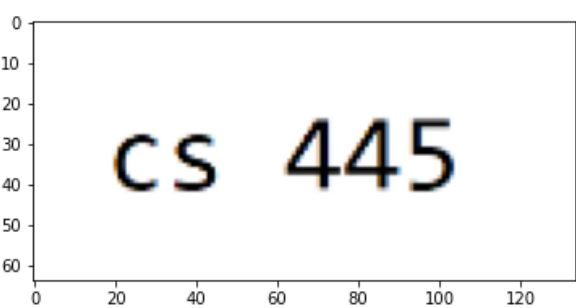
This case failed because the snowman is the same color as the object's padding inside the mask. Since the gradient is low between most pixels and the borders, the snowman inherits its color from the background, making it look translucent.

3. Mixed gradients

background



object



direct paste





Acknowledgments / Attribution

Snowman image:
https://jokomisiada.pl/eng_pl_BIG-inflatable-snowman-240cm-blue-scarf-DS0015-13833_2.jpg

Beach image:
<http://cdn.mauiguidebook.com/wp-content/uploads/2014/01/beach-med-wide-2048-cq8.jpg>

Stitch:
https://images-na.ssl-images-amazon.com/images/I/31MMQWrFqhL._SL500_AC_SS350_.jpg

Margarita:
<https://media.buzzle.com/media/images-en/gallery/drinks/1200-144872856-mango-margarita.jpg>

Arm:
https://upload.wikimedia.org/wikipedia/commons/thumb/4/41/Arm_flex_supinate.jpg/330px-Arm_flex_supinate.jpg