

mesophyll

leaf

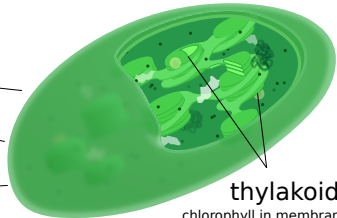
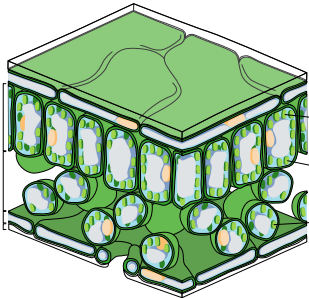
chloroplast

**palisade**

main site of photosynthetic  
absorption of red and blue light

**spongy**

cell geometries scatter and  
reflect near infrared light



**thylakoids**

chlorophyll in membranes  
absorbs red and blue light