```python
from PIL import Image
import numpy as np

im = Image.open("Lenna.jpg")
print(im.format)
print(im.size)
print(im.mode)


arr = np.array(im.copy())
print(type(arr))
print(arr.shape)

arrMinus40 = arr.copy()
arrMinus20 = arr.copy()
arrPlus20 = arr.copy()
arrPlus40 = arr.copy()


for y in range(arr.shape[0]):
    for x in range(arr.shape[1]):
        akum = (int(arr[y,x,0])+int(arr[y,x,1])+int(arr[y,x,2]))
        tmp = max(min(int(akum/3),255),0)
        arr[y,x] = [tmp,tmp,tmp]
        tmpMin10 = max(tmp-20,0)
        tmpMin20 = max(tmp-40,0)
        arrMinus20[y,x]=[tmpMin10,tmpMin10,tmpMin10]
        arrMinus40[y,x]=[tmpMin20,tmpMin20,tmpMin20]
        tmpPlus10 = min(tmp+20,255)
        tmpPlus20 = min(tmp+40,255)
        arrPlus20[y,x]=[tmpPlus10,tmpPlus10,tmpPlus10]
        arrPlus40[y,x]=[tmpPlus20,tmpPlus20,tmpPlus20]


Image.fromarray(np.hstack((arrMinus40,arrMinus20,arr,arrPlus20,arrPlus40))).show()
```