

## Theo Andonyadis

This program uses the data cursor to determine the boundaries of each eye of the clown and isolate them, then adds a white (color code 81) grid of 10 pixels in width between grid lines.

```
load clown
imshow(X,map)
X;
datacursormode on
```



```
REye = X(22:66,47:105)
```

```
REye = 45x59
 55    56    43    44    43    44    43    36    38    44    43    36    43 ...
 47    38    44    30    44    30    44    31    44    43    47    38    44
 55    44    43    44    31    43    43    30    38    56    38    43    44
 56    44    47    38    41    38    63    31    44    31    28    30    56
 55    56    43    56    43    44    55    41    41    44    22    41    56
 61    43    44    43    44    12    41    38    41    41    67    12    41
 43    56    38    41    41    46    26    41    35    41    42    37    26
 61    43    61    30    41    26    17    22    54    26    41    26    22
 43    44    43    56    30    26    26    22    22    26    28    37    28
 56    44    61    55    61    26    22     1    22    20    28    12    28
  ⋮
```

```
imshow(REye,map)
```



```
LEye = X(61:104,151:230)
```

```
LEye = 44×80
```

54	37	54	37	54	37	54	28	37	37	37	22	40 . . .
37	54	54	54	54	37	37	37	22	37	37	37	37
54	37	54	37	54	37	54	37	37	22	37	22	22
37	54	54	54	54	54	54	37	22	22	22	22	37
54	37	70	54	71	54	37	22	32	11	37	37	77
54	60	54	60	54	54	28	22	22	70	80	70	77
54	40	70	37	54	54	54	71	77	77	77	77	77
37	37	54	54	54	54	70	77	70	77	77	77	70
54	37	54	54	77	77	77	70	80	70	80	77	54
54	70	70	77	77	77	70	77	77	77	70	54	42
:												
:												

```
imshow(LEye,map)
```



```
for n =1:10:200  
    X(n,:)=81;  
end  
for m =1:10:320  
    X(:,m)=81;  
end  
imshow(X,map)
```

