

```
A = zeros(100, 100);  
For I = 1:100  
    For j = 1:100  
        If max(abs(Cx - i), abs(Cy - j)) <= Radius  
            A(I, j) = 255;  
        End  
    End  
End  
Figure;  
Imshow(A);  
Title('Chessboard Distance');
```