NAME
protate - rotate a RADIANCE picture.

SYNOPSIS
protate [**−c**][**−r**] **input** [**output**]

DESCRIPTION
Protate rotates a RADIANCE picture 90 degrees. This is useful for output on hardcopy devices with aspect ratios opposite to the input picture. By default, the image is rotated clockwise. The −*r* option may be used to rotate the image counter-clockwise instead.

The −*c* option indicates that the action is to correct an improper original image orientation, thus the recorded scanline ordering should not be changed.

NOTES
To rotate an image 180 degrees, use *pflip(1)* with both the *-h* and *-v* options.

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SEE ALSO
getinfo(1), pcompos(1), pfilt(1), pflip(1), psign(1), rpict(1)