NAME

pextrem - find minimum and maximum values in RADIANCE picture

SYNOPSIS

pextrem [−**o**] [picture]

DESCRIPTION

Pextrem locates the minimum and maximum values for the input *picture,* and prints their pixel locations and color values. The first line printed contains the x and y pixel location (x measured from the left margin, y measured from the bottom), followed by the red, green and blue values. The second line printed contains the same information for the maximum value.

The −*o* option prints the original (radiance) values, undoing any exposure or color correction done on the picture.

If no input *picture* is given, the standard input is read.

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BUGS

The luminance value is used for comparison of pixels, although in certain anomolous cases (ie. highly saturated colors) it is possible that *pextrem* will not pick the absolute minimum or maximum luminance value. This is because a fast integer-space comparison is used. A more reliable floating-point comparison would be slower by an order of magnitude.

SEE ALSO

falsecolor(1), getinfo(1), pcomb(1), pcompos(1), pextrem(1), pfilt(1), pflip(1), protate(1), psign(1), rpict(1), ximage(1)