

NAME

compamb - compute good ambient value for a rad input file

SYNOPSIS

compamb [**-c**] [**-e**] **rad_input_file**

DESCRIPTION

Compamb computes a good ambient value for the specified *rad(1)* variable file and appends it to the file as a "render= -av" option. If the **-c** option is specified, then *compamb* includes color information in the computed ambient value, rather than estimating a grey value to avoid rendering color shifts. If the **-e** option is specified, then *compamb* also computes a good exposure value for this scene, and appends it to the *rad* file as well.

Compamb is a shell script that makes calls to other RADIANCE programs and utilities to do the actual work. A substantial amount of time may be required to complete this script, since *compamb* calls *rpict(1)* to render low resolution frames for each view in the *rad* file, setting "QUALITY=High" to compute inter-reflections. The resulting ambient file is thrown away, since it would disagree with the new **-av** setting used for the final renderings. This method is preferable to setting the **-aw** option of *rpict*, which frequently results in splotchy artifacts.

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SEE ALSO

lookamb(1), rad(1), rpict(1)