

PxrLayeredBlend

This pattern offers similar functionality to [PxrBlend](#), combining with up to 8 layers, instead of only using a top and bottom layer. There is also an additional background (or base) layer.

Input Parameters

Each layer exposes the following parameters, with [x] being a number between 0 and 7. Layers are ordered such that layer 7 is at the bottom and layer 0 is the topmost layer.

Enable [x]

This enables the layer [x] for usage.

Operation [x]

The blend mode used to blend the current layer with the previous one. The behavior of the this parameter is identical to [PxrBlend's operation](#).

Color [x]

The RGB input for the image layer [x].

Alpha [x]

The alpha channel of the image layer [x]. When the alpha is < 1 , a black background is used under this image layer.

Background Color

The RGB input for the bottom or base image.

Background Alpha

The alpha channel or mask of the bottom or base image.

Clamp Output

The resulting color of all layers is clamped to 1.0

Output Parameters

resultRGB

The clamped color result.

resultR

The R channel from the resultRGB output.

resultG

The G channel from the resultRGB output.

resultB

The B channel from the resultRGB output.