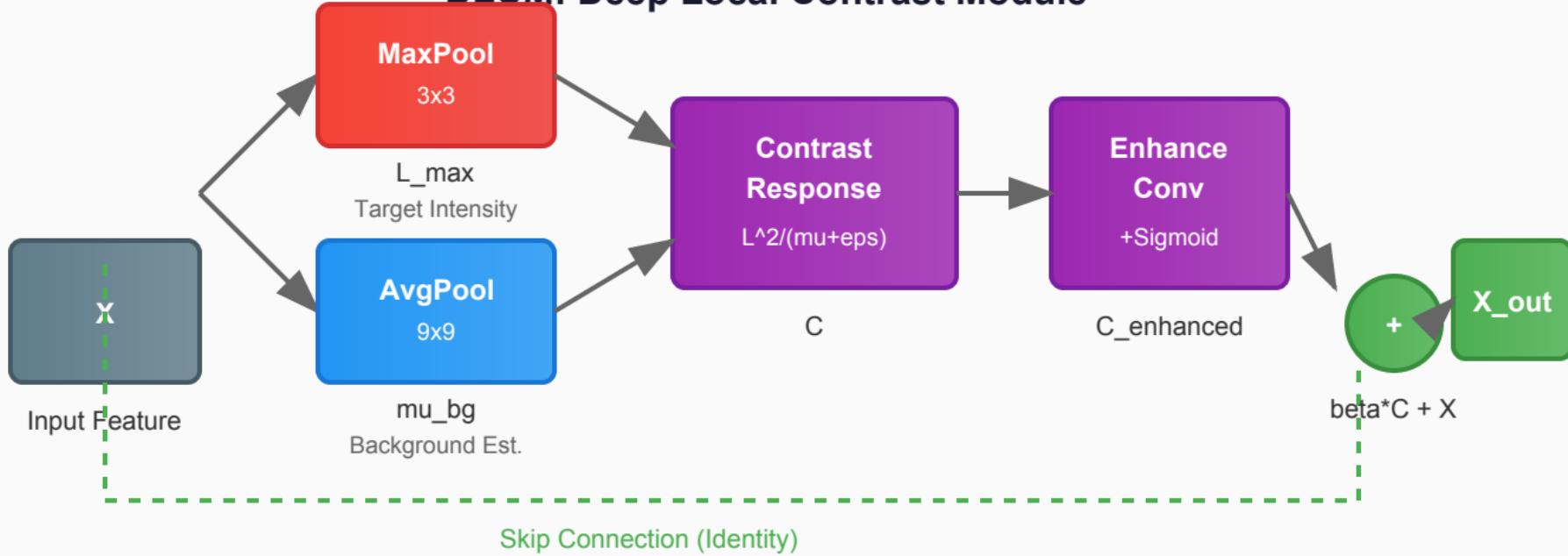


# DLCM: Deep Local Contrast Module



## Local Contrast Enhancement

$$X_{out} = X + \text{beta} * (\text{sigmoid}(\text{Conv}(C)) * C)$$

where  $C = L_{max}^2 / (\mu_{bg} + \epsilon)$  and beta is learnable