

# CIEBasedABC -optimization of color rendering $Lab^*_{\text{soll}} - Lab^*_{\text{eopt}}$

PSL2-program	output	measure
$L^*_{\text{aim}}$	$L \rightarrow L^* \rightarrow L$	$L^*_{\text{real}}$
$a^*_{\text{aim}}$	$\rightarrow M \rightarrow M^* \rightarrow M \rightarrow a^*_{\text{real}}$	$a^*_{\text{real}}$
$b^*_{\text{aim}}$	$N \rightarrow N^* \rightarrow N$	$b^*_{\text{real}}$
$L^*_{\text{aimc}}$	$= L^*_{\text{aim}} + (L^*_{\text{aim}} - L^*_{\text{real}})$	$L^*_{\text{eopt}}$
$a^*_{\text{aimc}}$	$= a^*_{\text{aim}} + (a^*_{\text{aim}} - a^*_{\text{real}}) \rightarrow a^*_{\text{eopt}}$	$a^*_{\text{eopt}}$
$b^*_{\text{aimc}}$	$= b^*_{\text{aim}} + (b^*_{\text{aim}} - b^*_{\text{real}})$	$b^*_{\text{eopt}}$