

# Luminance Aware Color Transform For Multiple Exposure Correction Benchmark

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# Results - Neutral Exposure

Algorithm	PSNR Avg	SSIM Avg
LACT	15.58	0.61
CLAHE	16.76	0.65
Gamma	<b>18.61</b>	<b>0.77</b>



# Results - Negative Exposure

Algorithm	PSNR Avg	SSIM Avg
LACT	12.61	0.39
CLAHE	13.55	0.45
Gamma	<b>17.92</b>	<b>0.54</b>



# Results - Positive Exposure

Algorithm	PSNR Avg	SSIM Avg
LACT	<b>12.79</b>	<b>0.42</b>
CLAHE	9.86	0.35
Gamma	10.31	0.32





# Results - HDR

Algorithm	PSNR Avg	SSIM Avg
LACT	17.93	0.83
CLAHE	16.20	0.71
Gamma	<b>29.50</b>	<b>0.93</b>



# Results - All Without HDR

Algorithm	PSNR Avg	SSIM Avg
LACT	13.66	0.47
CLAHE	13.39	0.48
Gamma	<b>15.61</b>	<b>0.54</b>

# Results - All

Algorithm	PSNR Avg	SSIM Avg
LACT	14.73	0.56
CLAHE	14.09	0.54
Gamma	<b>19.09</b>	<b>0.64</b>

Thank you!

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