

		8 Workers		4 Workers		Sequential	
Image size	Num Pixels	2 Iterations (ms)	100 Iterations (ms)	2 iterations (ms)	100 iterations (ms)	2 iterations (ms)	100 iterations (ms)
16x16	256	2	64	1	83	8	398
64x64	4096	20	1032	28	1363	246	6505
128x128	16384	84	4150	104	5186	628	25792
256x256	65536	324	16029	412	20864	2180	101929
512x512	262144	1289	64462	1667	83356	8221	406300
1024x1024	1048576	5154	257253	6649	332528		
1184x1184	1401856	6974					
1208x1208	1459264			9674			

Same data as above, formatted for graph

Num Pixels	8 Workers	4 Workers	Sequential
256	64	83	398
4096	1032	1363	6505
16384	4150	5186	25792
65536	16029	20864	101929
262144	64462	83356	406300
1048576	257253	332528	

Time taken per pixel per iteration, calculated from 100 iteration data

8 Workers	4 Workers	Sequential
0.00250	0.00324	0.01555
0.00252	0.00333	0.01588
0.00253	0.00317	0.01574
0.00245	0.00318	0.01555
0.00246	0.00318	0.01550

Average: 0.00249 0.00322 0.01564

8 workers is 6.28 times faster than sequential
1.29 times faster than 4 workers
4 workers is 4.85901 times faster than sequential

