

Compression results of individual images (see below for averages)

Test image set: GreySet2, <http://links.uwaterloo.ca/BragZone/GreySet2/>  
Experimental procedure described in: Starosolski, R.: Simple Fast and Adaptive Lossless Image Compression Algorithm. SP&E, 2007, 37(1):65-91, DOI: 10.1002/spe.746  
This page downloaded from: <http://sun.iinf.polsl.gliwice.pl/~rstaros/sfalic/>

**levels** - actual number of intensity levels used by image pixels  
**runpixels** - number of pixels encoded by the JPEG-LS using the "run mode"

<u>image</u>								<u>compression speed [MB/s]</u>					<u>compression ratio [bpp]</u>				
name	groups	width	height	size	depth	levels	runpixels	CALIC-A	CALIC-H	LPEG-LS	SZIP (-j 20)	SFALIC	CALIC-A	CALIC-H	LPEG-LS	SZIP (-j 20)	SFALIC
barb	BragZone GreySet2	512	512	262144	8	221	53	1.8	4.2	10.3	28.7	34.3	4.453	4.569	4.733	5.775	5.315
boat	BragZone GreySet2	512	512	262144	8	224	186	1.9	4.4	10.6	28.7	36.3	4.151	4.233	4.250	5.153	4.632
france	BragZone GreySet2	672	496	333312	8	249	156320	4.3	10.7	23.1	45.5	40.0	0.823	1.684	1.411	2.425	3.736
frog	BragZone GreySet2	621	498	309258	8	102	7782	2.0	5.3	10.3	30.4	35.8	5.853	6.232	6.049	6.657	6.536
goldhill	BragZone GreySet2	512	512	262144	8	220	240	1.7	4.1	10.3	29.0	35.4	4.629	4.719	4.712	5.280	4.870
lena	BragZone GreySet2	512	512	262144	8	215	240	1.9	4.4	10.5	28.8	36.6	4.110	4.184	4.244	5.046	4.567
library	BragZone GreySet2	464	352	163328	8	221	36536	1.6	4.2	11.0	24.1	27.4	5.012	5.228	5.101	5.858	6.025
mandrill	BragZone GreySet2	512	512	262144	8	226	3	1.6	4.1	9.5	27.9	33.7	5.875	6.031	6.036	6.374	6.256
mountain	BragZone GreySet2	640	480	307200	8	110	8998	1.9	5.1	10.1	28.8	33.6	6.265	6.538	6.422	6.717	6.840
peppers	BragZone GreySet2	512	512	262144	8	230	182	1.8	4.1	10.4	28.5	34.8	4.378	4.488	4.489	5.167	4.933
washsat	BragZone GreySet2	512	512	262144	8	35	27925	2.1	4.8	11.5	30.2	36.3	3.670	4.107	4.129	4.825	4.526
zelda	BragZone GreySet2	512	512	262144	8	187	39	2.1	4.6	11.0	29.5	37.1	3.862	3.973	4.005	4.838	4.289

Average results for image groups

<u>group</u>	<u>compression speed [MB/s]</u>					<u>compression ratio [bpp]</u>				
	CALIC-A	CALIC-H	LPEG-LS	SZIP (-j 20)	SFALIC	CALIC-A	CALIC-H	LPEG-LS	SZIP (-j 20)	SFALIC
GreySet2	2.1	5.0	11.5	30.0	35.1	4.424	4.665	4.632	5.343	5.210