

Google's WebP format vs JPEG

Performance comparison using 4 lossless images

Author: Juan Lucas Domínguez juan_lucas_dr@yahoo.com

	PSNR	IMAGE SIZE (BYTES)		RATIO
		JPEG	WEBP	
ORTHOPHOTO	22	50763	UNREACHABLE	
	27	124543	82938	0.666
	32	339663	268381	0.790
	37	754877	650493	0.862
	42	1477990	1290280	0.873
	47	2393850	UNREACHABLE	
FLOWER SHOP	24	41310	UNREACHABLE	
	29	95040	58841	0.619
	34	246190	173665	0.705
	39	826390	861046	1.042
	44	2006200	UNREACHABLE	
12-COLOR MAP	20	316757	UNREACHABLE	
	25	1020270	533624	0.523
	30	2181590	1916690	0.879
	35	3053250	UNREACHABLE	
RANDOM PIXELS	12	230943	UNREACHABLE	
	13	1553360	988725	0.637
	14	3356710	1796800	0.535
	15	3561740	UNREACHABLE	

Source images size: 2048 x 2048 pixels, these are 480 x 480-pixel windows of them:

