rel. image	LAB*	olv*	LAB*	olv*	LAB*	olv*	LAB*
integer	L*	63	37.36	127	56.71	191	76.06
hexadecimal	A*	3F	0.13	7F	-0.25	BF	-0.62
decimal	B*	0.250	0.84	0.500	2.14	0.750	3.45

olv*_ad* { } settransfer = no transformation; 3 and 16 gray steps; standard hex and LAB* data

F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
FFFFFF	FFFFFF	FFFFFF	3F3F3F	3F3F3F	FFFFFF	FFFFFF	7F7F7F	7F7F7F	FFFFFF	FFFFFF	BFBFBF	BFBFBF	FFFFFF	FFFFFF	FFFFFF
000000	111111	222222	333333	444444	555555	666666	777777	888888	999999	AAAAAA	BBBBBB	CCCCCC	DDDDDD	EEEEEE	FFFFFF
0	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255
00	11	22	33	44	55	66	77	88	99	AA	BB	CC	DD	EE	FF
0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
18.01	23.17	28.33	33.49	38.65	43.81	48.97	54.13	59.29	64.45	69.61	74.77	79.93	85.09	90.25	95.41
0.50	0.40	0.30	0.20	0.10	0.00	-0.10	-0.20	-0.29	-0.39	-0.49	-0.59	-0.69	-0.79	-0.89	-0.99
-0.47	-0.12	0.23	0.58	0.92	1.27	1.62	1.97	2.32	2.67	3.02	3.37	3.71	4.06	4.41	4.76

rel. image	LAB*	olv*	LAB*	olv*	LAB*	olv*	LAB*
integer	L*	95	46.93	144	61.90	193	76.88
hexadecimal	A*	5F	-0.06	90	-0.34	C1	-0.63
decimal	B*	0.374	1.48	0.567	2.50	0.761	3.51

OLV*_ad* { } settransfer = no transformation; 3 and 16 gray steps; standard hex and LAB* data

F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
FFFFFF	FFFFFF	FFFFFF	5F5F5F	5F5F5F	FFFFFF	FFFFFF	909090	909090	FFFFFF	FFFFFF	C1C1C1	C1C1C1	FFFFFF	FFFFFF	FFFFFF
2D2D2D	3B3B3B	484848	555555	626262	6F6F6F	7C7C7C	8A8A8A	979797	A4A4A4	B1B1B1	BEBEBE	CBCBCB	D8D8D8	E6E6E6	F3F3F3
45	59	72	85	98	111	124	138	151	164	177	190	203	216	230	243
2D	3B	48	55	62	6F	7C	8A	97	A4	B1	BE	CB	D8	E6	F3
0.180	0.232	0.283	0.335	0.387	0.438	0.490	0.541	0.593	0.645	0.696	0.748	0.799	0.851	0.903	0.954
18.01	23.17	28.33	33.49	38.65	43.81	48.97	54.13	59.29	64.45	69.61	74.77	79.93	85.09	90.25	95.41
0.50	0.40	0.30	0.20	0.10	0.00	-0.10	-0.20	-0.29	-0.39	-0.49	-0.59	-0.69	-0.79	-0.89	-0.99
-0.47	-0.12	0.23	0.58	0.92	1.27	1.62	1.97	2.32	2.67	3.02	3.37	3.71	4.06	4.41	4.76

rel. image	LAB*	olv*	LAB*	olv*	LAB*	olv*	LAB*
integer	L*	95	46.93	144	61.90	193	76.88
hexadecimal	A*	5F	-0.06	90	-0.34	C1	-0.63
decimal	B*	0.374	1.48	0.567	2.50	0.761	3.51

OLV*_ad* {0.1801 sub 0.7740 div} settransfer = D8OLV*tod8olv* transformation; 3 and 16 gray steps; standard hex and LAB* data

F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
FFFFFF	FFFFFF	FFFFFF	5F5F5F	5F5F5F	FFFFFF	FFFFFF	909090	909090	FFFFFF	FFFFFF	C1C1C1	C1C1C1	FFFFFF	FFFFFF	FFFFFF
2D2D2D	3B3B3B	484848	555555	626262	6F6F6F	7C7C7C	8A8A8A	979797	A4A4A4	B1B1B1	BEBEBE	CBCBCB	D8D8D8	E6E6E6	F3F3F3
0	65	93	114	131	147	161	174	186	197	208	218	228	237	246	255
00	41	5D	72	83	93	A1	AE	BA	C5	D0	DA	E4	ED	F6	FF
0.000	0.258	0.365	0.447	0.516	0.577	0.632	0.683	0.730	0.775	0.816	0.856	0.894	0.931	0.966	1.000
18.01	23.17	28.33	33.49	38.65	43.81	48.97	54.13	59.29	64.45	69.61	74.77	79.93	85.09	90.25	95.41
0.50	0.40	0.30	0.20	0.10	0.00	-0.10	-0.20	-0.29	-0.39	-0.49	-0.59	-0.69	-0.79	-0.89	-0.99
-0.47	-0.12	0.23	0.58	0.92	1.27	1.62	1.97	2.32	2.67	3.02	3.37	3.71	4.06	4.41	4.76

E8630-3N Relative olv*, absolute OLV*, and transfer OLV* to olv* data in image file

rel. image	LAB*	olv*	LAB*	olv*	LAB*	olv*	LAB*
integer	L*	63	37.36	127	56.71	191	76.06
hexadecimal	A*	3F	0.13	7F	-0.25	BF	-0.62
decimal	B*	0.250	0.84	0.500	2.14	0.750	3.45

olv*_ad* { } settransfer = no transformation; 3 and 16 gray steps; square root hex and LAB* data in image file

F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
FFFFFF	FFFFFF	FFFFFF	7F7F7F	7F7F7F	FFFFFF	FFFFFF	B4B4B4	B4B4B4	FFFFFF	FFFFFF	DCDCDC	DCDCDC	FFFFFF	FFFFFF	FFFFFF
000000	414141	5D5D5D	727272	838383	939393	A1A1A1	AEAEAE	BABABA	C5C5C5	D0D0D0	DADADA	E4E4E4	EDEDED	F6F6F6	FFFFFF
0	65	93	114	131	147	161	174	186	197	208	218	228	237	246	255
00	41	5D	72	83	93	A1	AE	BA	C5	D0	DA	E4	ED	F6	FF
0.000	0.258	0.365	0.447	0.516	0.577	0.632	0.683	0.730	0.775	0.816	0.856	0.894	0.931	0.966	1.000
18.01	37.99	46.27	52.62	57.98	62.70	66.96	70.88	74.53	77.96	81.21	84.29	87.24	90.07	92.79	95.41
0.50	0.12	-0.04	-0.17	-0.27	-0.36	-0.44	-0.52	-0.59	-0.65	-0.72	-0.78	-0.83	-0.89	-0.94	-0.99
-0.47	0.88	1.44	1.87	2.23	2.55	2.84	3.10	3.35	3.58	3.80	4.01	4.21	4.40	4.58	4.76

E8631-3N Square root transfer of olv* data and square root hex olv* data in image file

rel. image	LAB*	olv*	LAB*	olv*	LAB*	olv*	LAB*
integer	L*	63	37.36	127	56.71	191	76.06
hexadecimal	A*	3F	0.13	7F	-0.25	BF	-0.62
decimal	B*	0.250	0.84	0.500	2.14	0.750	3.45

olv*_ad* { } settransfer = no transformation; 3 and 16 gray steps; standard hex and LAB* data

F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
FFFFFF	FFFFFF	FFFFFF	3F3F3F	3F3F3F	FFFFFF	FFFFFF	7F7F7F	7F7F7F	FFFFFF	FFFFFF	BFBFBF	BFBFBF	FFFFFF	FFFFFF	FFFFFF
000000	111111	222222	333333	444444	555555	666666	777777	888888	999999	AAAAAA	BBBBBB	CCCCCC	DDDDDD	EEEEEE	FFFFFF
0	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255
00	11	22	33	44	55	66	77	88	99	AA	BB	CC	DD	EE	FF
0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
18.01	23.17	28.33	33.49	38.65	43.81	48.97	54.13	59.29	64.45	69.61	74.77	79.93	85.09	90.25	95.41
0.50	0.40	0.30	0.20	0.10	0.00	-0.10	-0.20	-0.29	-0.39	-0.49	-0.59	-0.69	-0.79	-0.89	-0.99
-0.47	-0.12	0.23	0.58	0.92	1.27	1.62	1.97	2.32	2.67	3.02	3.37	3.71	4.06	4.41	4.76

rel. image	LAB*	olv*	LAB*	olv*	LAB*	olv*	LAB*
integer	L*	63	37.36	127	56.71	191	76.06
hexadecimal	A*	3F	0.13	7F	-0.25	BF	-0.62
decimal	B*	0.250	0.84	0.500	2.14	0.750	3.45

olv*_ad* {0.5 exp} settransfer = square root transformation; 3 and 16 gray steps; standard hex and LAB* data

F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
FFFFFF	FFFFFF	FFFFFF	3F3F3F	3F3F3F	FFFFFF	FFFFFF	7F7F7F	7F7F7F	FFFFFF	FFFFFF	BFBFBF	BFBFBF	FFFFFF	FFFFFF	FFFFFF
000000	111111	222222	333333	444444	555555	666666	777777	888888	999999	AAAAAA	BBBBBB	CCCCCC	DDDDDD	EEEEEE	FFFFFF
0	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255
00	11	22	33	44	55	66	77	88	99	AA	BB	CC	DD	EE	FF
0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
18.01	23.17	28.33	33.49	38.65	43.81	48.97	54.13	59.29	64.45	69.61	74.77	79.93	85.09	90.25	95.41
0.50	0.40	0.30	0.20	0.10	0.00	-0.10	-0.20	-0.29	-0.39	-0.49	-0.59	-0.69	-0.79	-0.89	-0.99
-0.47	-0.12	0.23	0.58	0.92	1.27	1.62	1.97	2.32	2.67	3.02	3.37	3.71	4.06	4.41	4.76

rel. image	LAB*	olv*	LAB*	olv*	LAB*	olv*	LAB*
integer	L*	95	46.93	144	61.90	193	76.88
hexadecimal	A*	5F	-0.06	90	-0.34	C1	-0.63
decimal	B*	0.374	1.48	0.567	2.50	0.761	3.51

OLV*_ad* {0.1801 sub 0.7740 div 0.5 exp} settransfer = D8OLV*tod8olv* + square root transformation; standard hex and LAB* data

F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
FFFFFF	FFFFFF	FFFFFF	5F5F5F	5F5F5F	FFFFFF	FFFFFF	909090	909090	FFFFFF	FFFFFF	C1C1C1	C1C1C1	FFFFFF	FFFFFF	FFFFFF
2D2D2D	3B3B3B	484848	555555	626262	6F6F6F	7C7C7C	8A8A8A	979797	A4A4A4	B1B1B1	BEBEBE	CBCBCB	D8D8D8	E6E6E6	F3F3F3
0	65	93	114	131	147	161	174	186	197	208	218	228	237	246	255
00	41	5D	72	83	93	A1	AE	BA	C5	D0	DA	E4	ED	F6	FF
0.000	0.258	0.365	0.447	0.516	0.577	0.632	0.683	0.730	0.775	0.816	0.856	0.894	0.931	0.966	1.000
18.01	23.17	28.33	33.49	38.65	43.81	48.97	54.13	59.29	64.45	69.61	74.77	79.93	85.09	90.25	95.41
0.50	0.40	0.30	0.20	0.10	0.00	-0.10	-0.20	-0.29	-0.39	-0.49	-0.59	-0.69	-0.79	-0.89	-0.99
-0.47	-0.12	0.23	0.58	0.92	1.27	1.62	1.97	2.32	2.67	3.02	3.37	3.71	4.06	4.41	4.76

E8630-7N Square root transfer for olv* and for transfered OLV* to olv* data in image file

rel. image	LAB*	olv*	LAB*	olv*	LAB*	olv*	LAB*
integer	L*	63	37.36	127	56.71	191	76.06
hexadecimal	A*	3F	0.13	7F	-0.25	BF	-0.62
decimal	B*	0.250	0.84	0.500	2.14	0.750	3.45

olv*_ad* {0.5 exp} settransfer = square root transformation; 3 and 16 gray steps; standard hex and LAB* data

F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
FFFFFF	FFFFFF	FFFFFF	3F3F3F	3F3F3F	FFFFFF	FFFFFF	7F7F7F	7F7F7F	FFFFFF	FFFFFF	BFBFBF	BFBFBF	FFFFFF	FFFFFF	FFFFFF
000000	111111	222222	333333	444444	555555	666666	777777	888888	999999	AAAAAA	BBBBBB	CCCCCC	DDDDDD	EEEEEE	FFFFFF
0	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255
00	11	22	33	44	55	66	77	88	99	AA	BB	CC	DD	EE	FF
0.000	0.067	0.133	0.200	0.267	0.333	0.400	0.467	0.533	0.600	0.667	0.733	0.800	0.867	0.933	1.000
18.01	23.17	28.33	33.49	38.65	43.81	48.97	54.13	59.29	64.45	69.61	74.77	79.93	85.09	90.25	95.41
0.50	0.40	0.30	0.20	0.10	0.00	-0.10	-0.20	-0.29	-0.39	-0.49	-0.59	-0.69	-0.79	-0.89	-0.99
-0.47	-0.12	0.23	0.58	0.92	1.27	1.62	1.97	2.32	2.67	3.02	3.37	3.71	4.06	4.41	4.76

rel. image	LAB*	olv*	LAB*	olv*	LAB*	olv*	LAB*
integer	L*	95	46.93	144	61.90	193	76.88
hexadecimal	A*	5F	-0.06	90	-0.34	C1	-0.63
decimal	B*	0.374	1.48	0.567	2.50	0.761	3.51

OLV*_ad* {0.1801 sub 0.7740 div 0.5 exp} settransfer = D8OLV*tod8olv* + square root transformation; standard hex and LAB* data

F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
FFFFFF	FFFFFF	FFFFFF	5F5F5F	5F5F5F	FFFFFF	FFFFFF	909090	909090	FFFFFF	FFFFFF	C1C1C1	C1C1C1	FFFFFF	FFFFFF	FFFFFF
2D2D2D	3B3B3B	484848	555555	626262	6F6F6F	7C7C7C	8A8A8A	979797	A4A4A4	B1B1B1	BEBEBE	CBCBCB	D8D8D8	E6E6E6	F3F3F3
0	65	93	114	131	147	161	174	186	197	208	218	228	237	246	255
00	41	5D	72	83	93	A1	AE	BA	C5	D0	DA	E4	ED	F6	FF
0.000	0.258	0.365	0.447	0.516	0.577	0.632	0.683	0.730	0.775	0.816	0.856	0.894	0.931	0.966	1.000
18.01	23.17	28.33	33.49	38.65	43.81	48.97	54.13	59.29	64.45	69.61	74.77	79.93	85.09	90.25	95.41
0.50	0.40	0.30	0.20	0.10	0.00	-0.10	-0.20	-0.29	-0.39	-0.49	-0.59	-0.69	-0.79	-0.89	-0.99
-0.47	-0.12	0.23	0.58	0.92	1.27	1.62	1.97	2.32	2.67	3.02	3.37	3.71	4.06	4.41	4.76

E8631-7N Square root transfer for olv* and reverse transfer of square root hex data in image file

Technical information: http://o2.ps.bam.de
Image file version 1.4, 20010101, D8630E00
BAM registration: 20010101-D8630E00
BAM-Reference material: code=rha4ra-D8630E00