

$L^* / Y+Yr$	18,0/ 2,5	23,1/ 3,8	28,2/ 5,5	33,3/ 7,7	38,5/10,3	43,6/13,6	48,8/17,4	54,0/21,9	59,1/27,2	64,3/33,2	69,5/40,0	74,7/47,8	79,8/56,5	85,0/66,1	90,2/76,8	95,4/88,6
(absolute)																
No. and Hex code	00,F	01,E	02,D	03,C	04,B	05,A	06,9	07,8	08,7	09,6	10,5	11,4	12,3	13,2	14,1	15,0
L^* CIELAB, r (relative)	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

Picture C3: 16 visual equidistant L^* -grey steps; Use of the PS operator `www* setrgbcolor`

PS operators:																
{ } { } { } { }																
setcolortransfer,																
3 colorimage																
colorimage data:	000000	111111	222222	333333	444444	555555	666666	777777	888888	999999	AAAAAA	BBBBBB	CCCCCC	DDDDDD	EEEEEE	FFFFFF
Different equivalent corresponding codes of image data																
no., 4 bit hex	00,F	01,E	02,D	03,C	04,B	05,A	06,9	07,8	08,7	09,6	10,5	11,4	12,3	13,2	14,1	15,0
1x8 bit integer	0	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255
1x8 bit hex	00	11	22	33	44	55	66	77	88	99	AA	BB	CC	DD	EE	FF
1x decimal	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
CIELAB L^*	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
CIELAB a^*	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
CIELAB b^*	-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

Y20-3N Transfer of hexadecimal image data for 16 grey steps; hex data in `www*` image file and linear spacing;

$L^* / Y+Yr$	18,0/ 2,5	23,1/ 3,8	28,2/ 5,5	33,3/ 7,7	38,5/10,3	43,6/13,6	48,8/17,4	54,0/21,9	59,1/27,2	64,3/33,2	69,5/40,0	74,7/47,8	79,8/56,5	85,0/66,1	90,2/76,8	95,4/88,6
(absolute)																
No. and Hex code	00,F	01,E	02,D	03,C	04,B	05,A	06,9	07,8	08,7	09,6	10,5	11,4	12,3	13,2	14,1	15,0
L^* CIELAB, r (relative)	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

Picture C3: 16 visual equidistant L^* -grey steps; Use of the PS operator `nmn0* setcmykcolor`

PS operators:																
{ } { } { } { }																
setcolortransfer,																
4 colorimage																
FP-transfer: adgs																
colorimage data:	FFFFFF00	EEEEEE00	DDDDDD00	CCCCCC00	BBBBBB00	AAAAAA00	99999900	88888800	77777700	66666600	55555500	44444400	33333300	22222200	11111100	00000000
Different equivalent corresponding codes of image data																
no., 4 bit hex	00,F	01,E	02,D	03,C	04,B	05,A	06,9	07,8	08,7	09,6	10,5	11,4	12,3	13,2	14,1	15,0
1x8 bit integer	0	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255
1x8 bit hex	00	11	22	33	44	55	66	77	88	99	AA	BB	CC	DD	EE	FF
1x decimal	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
CIELAB L^*	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
CIELAB a^*	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
CIELAB b^*	-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

L10-3N Transfer of hexadecimal image data for 16 grey steps; hex data in `nmn0*` image file and linear spacing; special inverse `cmy*-olv*` transfer of `nmn0*` image data in FP file

PS operators:																
{ } { } { } { }																
setcolortransfer,																
4 colorimage																
FP-transfer: adgs																
colorimage data:	FFFFFF00	EEEEEE00	DDDDDD00	CCCCCC00	BBBBBB00	AAAAAA00	99999900	88888800	77777700	66666600	55555500	44444400	33333300	22222200	11111100	00000000
Different equivalent corresponding codes of image data																
no., 4 bit hex	00,F	01,E	02,D	03,C	04,B	05,A	06,9	07,8	08,7	09,6	10,5	11,4	12,3	13,2	14,1	15,0
1x8 bit integer	0	17	34	51	68	85	102	119	136	153	170	187	204	221	238	255
1x8 bit hex	00	11	22	33	44	55	66	77	88	99	AA	BB	CC	DD	EE	FF
1x decimal	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
CIELAB L^*	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
CIELAB a^*	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
CIELAB b^*	-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

L10-3N Transfer of hexadecimal image data for 16 grey steps; hex data in `nmn0*` image file and linear spacing; special inverse `cmy*-olv*` transfer of `nmn0*` image data in FP file
 Picture C3 of ISO/IEC-test chart 3; similar `olv*` and `cmy0*` colorimage
 ISO/IEC 15775 and input: mixture (m) of PS operators
 DIS ISO/IEC 19839-X; output: `olv* setrgbcolor / w* setgray`

See for similar files: <http://www.ps.bam.de/DE90/DE90.HTM>
 Information and Order: <http://www.ps.bam.de>

Version 2.0, io=5,1; iORS, oORS, CIELAB

BAM registration: 20030201-DE90/10L/L90E01FP.PS/.PDF
 application for monitors and printers

BAM material: code=th4ta