

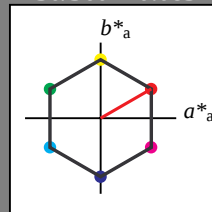
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 30/360 = 0.083$ lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 57 77 30

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 100$

%Regularität

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

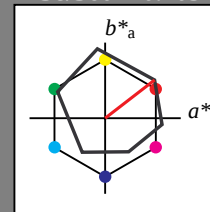
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*ch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)				
olvi3*	1.0	0.5	0.5	(1.0)
cmyn3*	0.0	0.5	0.5	(0.0)
olvi4*	1.0	0.5	0.5	1.0
cmyn4*	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	71.67	32.15	28.41	
LAB*LABa	71.67	32.69	25.25	
LAB*TCa	75.0	41.31	37.69	
relative CIELAB lab*				
lab*lab	0.693	0.396	0.306	
lab*tch	0.75	0.5	0.105	
lab*nch	0.0	0.5	0.105	
relative Natural Colour (NC)				
lab*lrj	0.693	0.477	0.15	
lab*tce	0.75	0.5	0.048	
lab*nce	0.0	0.5	r19j	

relative Inform. Technology (IT)				
olvi3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
olvi4*	1.0	0.5	0.5	0.5
cmyn4*	0.0	0.5	0.5	0.5
standard and adapted CIELAB				
LAB*LAB	32.98	32.9	25.8	
LAB*LABa	32.98	32.69	25.25	
LAB*TCa	25.01	41.31	37.69	
relative CIELAB lab*				
lab*lab	0.193	0.396	0.306	
lab*tch	0.25	0.5	0.105	
lab*nch	0.5	0.5	0.105	
relative Natural Colour (NC)				
lab*lrj	0.193	0.477	0.15	
lab*tce	0.25	0.5	0.048	
lab*nce	0.5	0.5	r19j	

relative Inform. Technology (IT)				
olvi3*	1.0	0.0	0.0	(1.0)
cmyn3*	0.0	1.0	1.0	(0.0)
olvi4*	1.0	0.0	0.0	1.0
cmyn4*	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	47.94	65.3	52.06	
LAB*LABa	47.94	65.37	50.51	
LAB*TCa	50.0	82.61	37.69	
relative CIELAB lab*				
lab*lab	0.387	0.791	0.611	
lab*tch	0.5	1.0	0.105	
lab*nch	0.0	1.0	0.105	
relative Natural Colour (NC)				
lab*lrj	0.387	0.954	0.299	
lab*tce	0.5	1.0	0.048	
lab*nce	0.0	1.0	r19j	

 $n^* = 0,00$ Schwarzheit n^*

0,25 0,50 $n^* = 0,50$ 0,75 1,00
relative Buntheit c^*

 $n^* = 1,0$ $n^* = 1,0$ Schwarzheit n^*

0,25 0,50 $n^* = 0,50$ 0,75 1,00
relative Buntheit c^*

OG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)

BAM-Prüfvorlage OG07; Farbmétrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

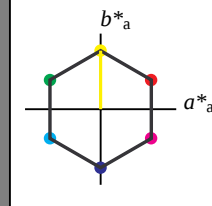
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 90/360 = 0.25$ lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 57 77 90

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 100$

%Regularität

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

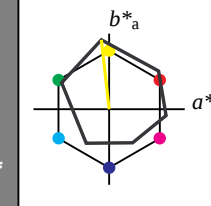
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 96/360 = 0.268$ lab^*ch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

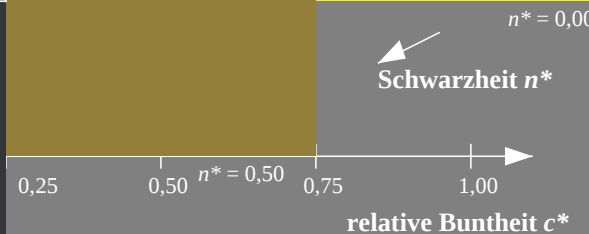
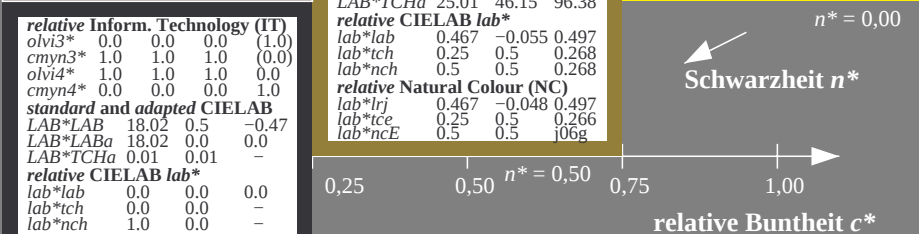
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
cmyn3*	0.0	0.0	0.0	(0.0)	
olvi4*	1.0	1.0	1.0	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	95.41	-0.98	4.75		
LAB*LABa	95.41	0.0	0.0		
LAB*TBa	99.99	0.01	-		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*tch	1.0	0.0	-		
lab*nch	0.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	1.0	0.0	0.0		
lab*tce	1.0	0.0	-		
lab*nce	0.0	0.0	-		

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	0.5	(1.0)	
cmyn3*	0.0	0.0	0.5	(0.0)	
olvi4*	1.0	1.0	0.5	1.0	
cmyn4*	0.0	0.0	0.5	0.0	
standard and adapted CIELAB					
LAB*LAB	92.88	-6.06	50.46		
LAB*LABa	92.88	-5.12	45.87		
LAB*TBa	75.0	46.15	96.38		
relative CIELAB lab*					
lab*lab	0.967	-0.055	0.497		
lab*tch	0.75	0.5	0.268		
lab*nch	0.0	0.5	0.268		
relative Natural Colour (NC)					
lab*lrj	0.967	-0.048	0.497		
lab*tce	0.75	0.5	0.266		
lab*nce	0.0	0.5	0.266		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.0	(1.0)	
cmyn3*	0.5	0.5	1.0	(0.0)	
olvi4*	1.0	1.0	0.5	0.5	
cmyn4*	0.0	0.0	0.5	0.5	
standard and adapted CIELAB					
LAB*LAB	54.19	-5.32	47.84		
LAB*LABa	54.19	-5.12	45.87		
LAB*TBa	25.01	46.15	96.38		
relative CIELAB lab*					
lab*lab	0.467	-0.055	0.497		
lab*tch	0.25	0.5	0.268		
lab*nch	0.5	0.5	0.268		
relative Natural Colour (NC)					
lab*lrj	0.467	-0.048	0.497		
lab*tce	0.25	0.5	0.266		
lab*nce	0.5	0.5	0.266		

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	0.0	(1.0)	
cmyn3*	0.0	0.0	1.0	(0.0)	
olvi4*	1.0	1.0	0.0	1.0	
cmyn4*	0.0	0.0	1.0	0.0	
standard and adapted CIELAB					
LAB*LAB	90.36	-11.15	96.15		
LAB*LABa	90.36	-10.25	91.73		
LAB*TBa	50.0	92.3	96.38		
relative CIELAB lab*					
lab*lab	0.935	-0.11	0.994		
lab*tch	0.5	1.0	0.268		
lab*nch	0.0	1.0	0.268		
relative Natural Colour (NC)					
lab*lrj	0.935	-0.097	0.995		
lab*tce	0.5	1.0	0.266		
lab*nce	0.0	1.0	0.266		

Schwarzheit n^* relative Bunttheit c^* $n^* = 1,0$ Schwarzheit n^* relative Bunttheit c^* $n^* = 1,0$

OG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 90/360 = 0.25 (links)

3 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (rechts)

BAM-Prüfvorlage OG07; Farbmétrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$ D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data depend*

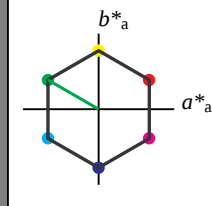
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 150/360 = 0.417$ lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 57 77 150

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^* 

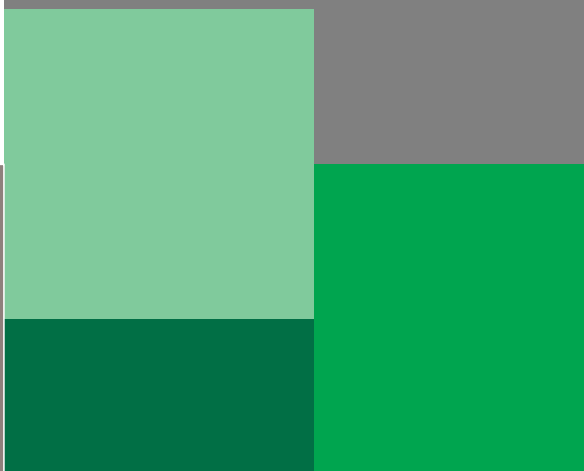
SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Umfang

 $u^*_{rel} = 100$

%Regularität

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$  $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^* $n^* = 1,0$

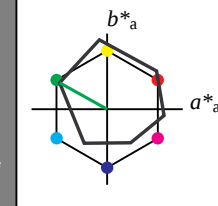
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.419$ lab^*ch und lab^*nch

D65: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	-0.98	4.75
LAB*LABa	95.41	0.0	0.0
LAB*TCa	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*tch	1.0	0.0	-
lab*nch	0.0	0.0	-

relative Natural Colour (NC)

lab*lrj	1.0	0.0	0.0
lab*tce	1.0	0.0	-
lab*nce	0.0	0.0	-

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5

standard and adapted CIELAB

LAB*LAB	56.71	-0.24	2.14
LAB*LABa	56.71	0.0	0.0
LAB*TCa	50.0	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*tch	0.5	0.0	-
lab*nch	0.5	0.0	-

relative Natural Colour (NC)

lab*lrj	0.5	0.0	0.0
lab*tce	0.5	0.0	-
lab*nce	0.5	0.0	-

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	18.02	0.5	-0.47
LAB*LABa	18.02	0.0	0.0
LAB*TCa	0.01	0.01	-

relative CIELAB lab*

lab*lab	0.0	0.0	0.0
lab*tch	0.0	0.0	-
lab*nch	1.0	0.0	-

relative Natural Colour (NC)

lab*lrj	0.0	0.0	0.0
lab*tce	0.0	0.0	-
lab*nce	1.0	0.0	-

 $n^* = 1,0$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)

olvi3*	0.5	1.0	0.5	(1.0)
cmyn3*	0.5	0.0	0.5	(0.0)
olvi4*	0.5	1.0	0.5	1.0
cmyn4*	0.5	0.0	0.5	0.0

standard and adapted CIELAB

LAB*LAB	73.15	-31.96	20.73
LAB*LABa	73.15	-31.4	17.48
LAB*TCa	75.0	35.95	150.91

relative CIELAB lab*

lab*lab	0.712	-0.436	0.243
lab*tch	0.75	0.5	0.419
lab*nch	0.0	0.5	0.419

relative Natural Colour (NC)

lab*lrj	0.712	-0.478	0.144
lab*tce	0.75	0.5	0.453
lab*nce	0.0	0.5	0.419

relative Inform. Technology (IT)

olvi3*	0.0	1.0	0.0	(1.0)
cmyn3*	1.0	0.0	1.0	(0.0)
olvi4*	0.0	1.0	0.0	1.0
cmyn4*	1.0	0.0	1.0	0.0

standard and adapted CIELAB

LAB*LAB	50.9	-62.95	36.7
LAB*LABa	50.9	-62.81	34.95
LAB*TCa	50.0	71.89	150.91

relative CIELAB lab*

lab*lab	0.425	-0.873	0.486
lab*tch	0.5	1.0	0.419
lab*nch	0.0	1.0	0.419

relative Natural Colour (NC)

lab*lrj	0.425	-0.956	0.289
lab*tce	0.5	1.0	0.453
lab*nce	0.0	1.0	0.419

 $n^* = 0,00$ Schwarzheit n^* relative Buntheit c^*

OG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 150/360 = 0.417 (links)

3 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.419 (rechts)

BAM-Prüfvorlage OG07; Farbmétrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

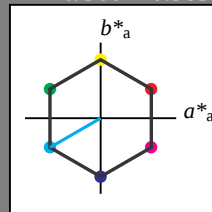
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 210/360 = 0.583$ lab^*tch und lab^*nch

D65: Buntton C

LCH*Ma: 57 77 210

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 100$

%Regularität

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

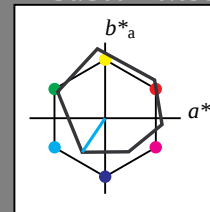
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*tch und lab^*nch

D65: Buntton C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
cmyn3*	0.0	0.0	0.0	(0.0)	
olvi4*	1.0	1.0	1.0	1.0	
cmyn4*	0.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	95.41	-0.98	4.75		
LAB*LABa	95.41	0.0	0.0		
LAB*TCa	99.99	0.01	-		

relative Inform. Technology (IT)					
olvi3*	0.5	0.5	0.5	(1.0)	
cmyn3*	0.5	0.5	0.5	(0.0)	
olvi4*	1.0	1.0	1.0	0.5	
cmyn4*	0.0	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	56.71	-0.24	2.14		
LAB*LABa	56.71	0.0	0.0		
LAB*TCa	50.0	0.01	-		

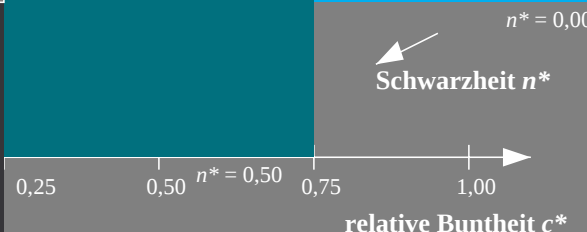
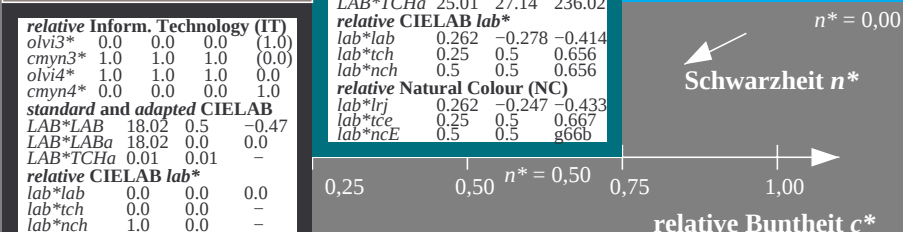
relative CIELAB lab*					
lab*lab	0.5	0.0	0.0		
lab*tch	0.5	0.0	-		
lab*nch	0.5	0.0	-		
relative Natural Colour (NC)					
lab*lrj	0.5	0.0	0.0		
lab*tce	0.5	0.0	-		
lab*nce	0.5	0.0	-		

relative Inform. Technology (IT)					
olvi3*	0.0	0.5	0.5	(1.0)	
cmyn3*	1.0	0.5	0.5	(0.0)	
olvi4*	0.5	1.0	1.0	0.5	
cmyn4*	0.5	0.0	0.0	0.5	
standard and adapted CIELAB					
LAB*LAB	38.32	-15.05	-21.6		
LAB*LABa	38.32	-15.16	-22.5		
LAB*TCa	25.01	27.14	236.02		

relative CIELAB lab*					
lab*lab	0.262	-0.278	-0.414		
lab*tch	0.25	0.5	0.656		
lab*nch	0.5	0.5	0.656		
relative Natural Colour (NC)					
lab*lrj	0.262	-0.247	-0.433		
lab*tce	0.25	0.5	0.667		
lab*nce	0.5	0.5	0.667		

relative Inform. Technology (IT)					
olvi3*	0.0	1.0	1.0	(1.0)	
cmyn3*	1.0	0.0	0.0	(0.0)	
olvi4*	0.0	1.0	1.0	1.0	
cmyn4*	1.0	0.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	58.62	-30.61	-42.73		
LAB*LABa	58.62	-30.33	-45.01		
LAB*TCa	50.0	54.29	236.02		

relative CIELAB lab*					
lab*lab	0.525	-0.558	-0.828		
lab*tch	0.5	1.0	0.656		
lab*nch	0.0	1.0	0.656		
relative Natural Colour (NC)					
lab*lrj	0.525	-0.496	-0.867		
lab*tce	0.5	1.0	0.667		
lab*nce	0.0	1.0	0.667		

Schwarzheit n^* relative Buntheit c^* $n^* = 1,0$ Schwarzheit n^* relative Buntheit c^* $n^* = 1,0$

OG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 210/360 = 0.583 (links)

3 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (rechts)

BAM-Prüfvorlage OG07; Farbmétrik-Systeme ORS18 & ORS18input: $cmv0^* setcmykcolor$

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

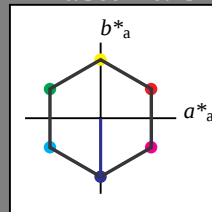
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 270/360 = 0.75$ lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 57 77 270

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 100$

%Regularität

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

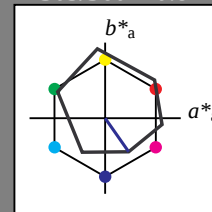
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 305/360 = 0.847$ lab^*ch und lab^*nch

D65: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)				
olvi3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olvi4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	95.41	-0.98	4.75	
LAB*LABa	95.41	0.0	0.0	
LAB*TCa	99.99	0.01	-	
relative CIELAB lab*				
lab*lab	1.0	0.0	0.0	
lab*tch	1.0	0.0	-	
lab*nch	0.0	0.0	-	
relative Natural Colour (NC)				
lab*lrj	1.0	0.0	0.0	
lab*tce	1.0	0.0	-	
lab*nce	0.0	0.0	-	

relative Inform. Technology (IT)				
olvi3*	0.5	0.5	1.0	(1.0)
cmyn3*	0.5	0.5	0.0	(0.0)
olvi4*	0.5	0.5	1.0	1.0
cmyn4*	0.5	0.5	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	60.56	15.23	-19.79	
LAB*LABa	60.56	15.55	-22.19	
LAB*TCa	75.0	27.1	305.0	
relative CIELAB lab*				
lab*lab	0.55	0.287	-0.408	
lab*tch	0.75	0.5	0.847	
lab*nch	0.0	0.5	0.847	
relative Natural Colour (NC)				
lab*lrj	0.55	0.225	-0.446	
lab*tce	0.75	0.5	0.824	
lab*nce	0.0	0.5	0.29r	

relative Inform. Technology (IT)				
olvi3*	0.0	0.0	0.5	(1.0)
cmyn3*	1.0	1.0	0.5	(0.0)
olvi4*	0.5	0.5	1.0	0.5
cmyn4*	0.5	0.5	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	21.87	15.97	-22.4	
LAB*LABa	21.87	15.55	-22.19	
LAB*TCa	25.01	27.1	305.0	
relative CIELAB lab*				
lab*lab	0.05	0.287	-0.408	
lab*tch	0.25	0.5	0.847	
lab*nch	0.5	0.5	0.847	
relative Natural Colour (NC)				
lab*lrj	0.05	0.225	-0.446	
lab*tce	0.25	0.5	0.824	
lab*nce	0.5	0.5	0.29r	

relative Inform. Technology (IT)				
olvi3*	0.0	0.0	1.0	(1.0)
cmyn3*	1.0	1.0	0.0	(0.0)
olvi4*	0.0	0.0	1.0	1.0
cmyn4*	1.0	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	25.73	31.44	-44.34	
LAB*LABa	25.73	31.09	-44.39	
LAB*TCa	50.0	54.21	305.0	
relative CIELAB lab*				
lab*lab	0.1	0.573	-0.818	
lab*tch	0.5	1.0	0.847	
lab*nch	0.0	1.0	0.847	
relative Natural Colour (NC)				
lab*lrj	0.1	0.449	-0.892	
lab*tce	0.5	1.0	0.824	
lab*nce	0.0	1.0	0.29r	

 $n^* = 0,00$ Schwarzheit n^*

0,25 0,50 $n^* = 0,50$ 0,75 1,00
relative Buntheit c^*

 $n^* = 1,0$ $n^* = 0,00$ Schwarzheit n^*

0,25 0,50 $n^* = 0,50$ 0,75 1,00
relative Buntheit c^*

 $n^* = 1,0$

OG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 270/360 = 0.75 (links)

3 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (rechts)

BAM-Prüfvorlage OG07; Farbmétrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

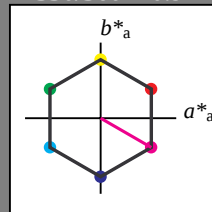
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 330/360 = 0.917$ lab^*ch und lab^*nch

D65: Buntton M

LCH*Ma: 57 77 330

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 100$

%Regularität

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

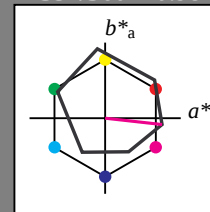
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 354/360 = 0.982$ lab^*ch und lab^*nch

D65: Buntton M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)				
olvi3*	1.0	0.5	1.0	(1.0)
cmyn3*	0.0	0.5	0.0	(0.0)
olvi4*	1.0	0.5	1.0	1.0
cmyn4*	0.0	0.5	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	71.77	37.1	-1.01	
LAB*LABa	71.77	37.63	-4.17	
LAB*TCa	75.0	37.86	353.66	
relative CIELAB lab*				
lab*lab	0.695	0.497	-0.054	
lab*tch	0.75	0.5	0.982	
lab*nch	0.0	0.5	0.982	
relative Natural Colour (NC)				
lab*lrj	0.695	0.454	-0.208	
lab*tce	0.75	0.5	0.932	
lab*nce	0.0	0.5	0.72r	

relative Inform. Technology (IT)				
olvi3*	0.5	0.0	0.5	(1.0)
cmyn3*	0.5	1.0	0.5	(0.0)
olvi4*	1.0	0.5	1.0	0.5
cmyn4*	0.0	0.5	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	33.07	37.84	-3.62	
LAB*LABa	33.07	37.63	-4.17	
LAB*TCa	25.01	37.86	353.66	
relative CIELAB lab*				
lab*lab	0.195	0.497	-0.054	
lab*tch	0.25	0.5	0.982	
lab*nch	0.5	0.5	0.982	
relative Natural Colour (NC)				
lab*lrj	0.195	0.454	-0.208	
lab*tce	0.25	0.5	0.932	
lab*nce	0.5	0.5	0.72r	

relative Inform. Technology (IT)				
olvi3*	1.0	0.0	1.0	(1.0)
cmyn3*	0.0	1.0	0.0	(0.0)
olvi4*	1.0	0.0	1.0	1.0
cmyn4*	0.0	1.0	0.0	0.0
standard and adapted CIELAB				
LAB*LAB	48.13	75.18	-6.79	
LAB*LABa	48.13	75.26	-8.35	
LAB*TCa	50.0	75.73	353.66	
relative CIELAB lab*				
lab*lab	0.389	0.994	-0.109	
lab*tch	0.5	1.0	0.982	
lab*nch	0.0	1.0	0.982	
relative Natural Colour (NC)				
lab*lrj	0.389	0.909	-0.416	
lab*tce	0.5	1.0	0.932	
lab*nce	0.0	1.0	0.72r	

Schwarzheit n^* relative Buntheit c^* Schwarzheit n^* relative Buntheit c^*

3 stufige Reihen für konstanten CIELAB Buntton 354/360 = 0.982 (rechts)

OG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.917 (links)

BAM-Prüfvorlage OG07; Farbmétrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

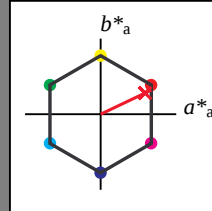
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 25/360 = 0.071$ lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 57 74 25

olv*Ma: 1.0 0.0 0.09

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 100$

%Regularität

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

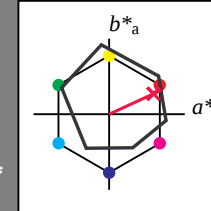
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*ch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)				
olvi3*	1.0	0.5	0.661	(1.0)
cmyn3*	0.0	0.5	0.339	(0.0)
olvi4*	1.0	0.5	0.661	1.0
cmyn4*	0.0	0.5	0.339	0.0
standard and adapted CIELAB				
LAB*LAB	71.7	33.75	18.92	
LAB*LABa	71.7	34.28	15.76	
LAB*TCa	75.0	37.73	24.7	

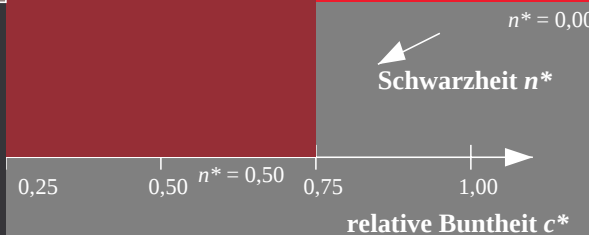
relative CIELAB lab*				
lab*lab	0.694	0.454	0.209	
lab*tch	0.75	0.5	0.069	
lab*nch	0.0	0.5	0.069	
relative Natural Colour (NC)				
lab*lrj	0.694	0.5	0.0	
lab*tce	0.75	0.5	1.0	
lab*nce	0.0	0.5	0.99r	

relative Inform. Technology (IT)				
olvi3*	0.5	0.0	0.161	(1.0)
cmyn3*	0.5	1.0	0.839	(0.0)
olvi4*	1.0	0.5	0.661	0.5
cmyn4*	0.0	0.5	0.339	0.5
standard and adapted CIELAB				
LAB*LAB	33.01	34.49	16.31	
LAB*LABa	33.01	34.28	15.77	
LAB*TCa	25.01	37.73	24.7	

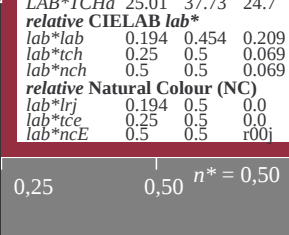
relative CIELAB lab*				
lab*lab	0.194	0.454	0.209	
lab*tch	0.25	0.5	0.069	
lab*nch	0.5	0.5	0.069	
relative Natural Colour (NC)				
lab*lrj	0.194	0.5	0.0	
lab*tce	0.25	0.5	0.0	
lab*nce	0.5	0.5	0.00j	

relative Inform. Technology (IT)				
olvi3*	1.0	0.0	0.322	(1.0)
cmyn3*	0.0	1.0	0.678	(0.0)
olvi4*	1.0	0.0	0.322	1.0
cmyn4*	0.0	1.0	0.678	0.0
standard and adapted CIELAB				
LAB*LAB	48.0	68.48	33.09	
LAB*LABa	48.0	68.56	31.53	
LAB*TCa	50.0	75.47	24.7	

relative CIELAB lab*				
lab*lab	0.388	0.908	0.418	
lab*tch	0.5	1.0	0.069	
lab*nch	0.0	1.0	0.069	
relative Natural Colour (NC)				
lab*lrj	0.388	1.0	0.0	
lab*tce	0.5	1.0	0.0	
lab*nce	0.0	1.0	0.00j	

Schwarzheit n^* $n^* = 1,0$

relative Inform. Technology (IT)				
olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.5	-0.47	
LAB*LABa	18.02	0.0	0.0	
LAB*TCa	0.01	0.01	-	
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	-	
lab*nch	1.0	0.0	-	
relative Natural Colour (NC)				
lab*lrj	0.0	0.0	0.0	
lab*tce	0.0	0.0	-	
lab*nce	1.0	0.0	-	

Schwarzheit n^* $n^* = 1,0$

3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (rechts)

OG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.071 (links)

BAM-Prüfvorlage OG07; Farbmétrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

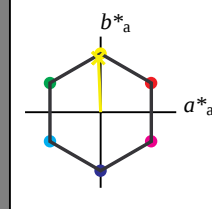
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 92/360 = 0.256$ lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 57 76 92

olv*Ma: 0.95 1.0 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 100$

%Regularität

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	56.71	67.03	38.7	77.4	30
YMa	56.71	0.0	77.4	77.4	90
LMa	56.71	-67.02	38.7	77.4	150
CMa	56.71	-67.02	-38.69	77.4	210
VMa	56.71	0.0	-77.39	77.4	270
MMa	56.71	67.03	-38.69	77.4	330
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

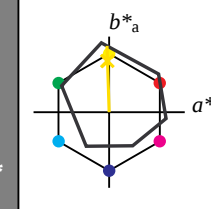
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*ch und lab^*nch

D65: Buntton J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)				
olvi3*	1.0	0.951	0.5	(1.0)
cmyn3*	0.0	0.049	0.5	(0.0)
olvi4*	1.0	0.951	0.5	1.0
cmyn4*	0.0	0.049	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	95.41	-0.98	4.75	
LAB*LABa	95.41	0.0	0.0	
LAB*TCa	99.99	0.01	-	

relative Inform. Technology (IT)				
olvi3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olvi4*	1.0	1.0	1.0	0.5
cmyn4*	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	56.71	-0.24	2.14	
LAB*LABa	56.71	0.0	0.0	
LAB*TCa	50.0	0.01	-	

relative CIELAB lab*				
lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	-	
lab*nch	0.5	0.0	-	
relative Natural Colour (NC)				
lab*lrj	0.5	0.0	0.0	
lab*tce	0.5	0.0	-	
lab*nce	0.5	0.0	-	

relative Inform. Technology (IT)				
olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	18.02	0.5	-0.47	
LAB*LABa	18.02	0.0	0.0	
LAB*TCa	0.01	0.01	-	

relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	-	
lab*nch	1.0	0.0	-	
relative Natural Colour (NC)				
lab*lrj	0.0	0.0	0.0	
lab*tce	0.0	0.0	-	
lab*nce	1.0	0.0	-	

relative Inform. Technology (IT)				
olvi3*	1.0	0.901	0.0	(1.0)
cmyn3*	0.0	0.099	1.0	(0.0)
olvi4*	1.0	0.902	0.0	1.0
cmyn4*	0.0	0.098	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	86.19	-3.62	91.81	
LAB*LABa	86.19	-2.81	87.67	
LAB*TCa	50.0	87.72	91.84	

relative CIELAB lab*				
lab*lab	0.881	-0.031	0.999	
lab*tch	0.5	1.0	0.255	
lab*nch	0.0	1.0	0.255	
relative Natural Colour (NC)				
lab*lrj	0.881	0.0	1.0	
lab*tce	0.5	1.0	0.25	
lab*nce	0.0	1.0	j00g	

relative Inform. Technology (IT)				
olvi3*	0.5	0.451	0.0	(1.0)
cmyn3*	0.5	0.549	1.0	(0.0)
olvi4*	1.0	0.951	0.5	0.5
cmyn4*	0.0	0.049	0.5	0.5
standard and adapted CIELAB				
LAB*LAB	52.1	-1.55	45.67	
LAB*LABa	52.1	-1.39	43.83	
LAB*TCa	25.01	43.86	91.84	

relative CIELAB lab*				
lab*lab	0.44	-0.015	0.5	
lab*tch	0.25	0.5	0.255	
lab*nch	0.5	0.5	0.255	
relative Natural Colour (NC)				
lab*lrj	0.44	0.0	0.5	
lab*tce	0.25	0.5	0.25	
lab*nce	0.5	0.5	j99j	

relative Buntheit c^*

0,25 0,50 0,75 1,00

$n^* = 0,00$

$n^* = 0,50$

$n^* = 1,0$

Schwarzheit n^*

relative Buntheit c^*

0,25 0,50 0,75 1,00

$n^* = 0,00$

$n^* = 0,50$

$n^* = 1,0$

Schwarzheit n^*

OG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.256 (links)

3 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (rechts)

BAM-Prüfvorlage OG07; Farbmétrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data depend

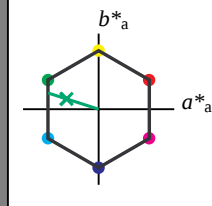
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 162/360 = 0.451$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 57 70 162

olv*Ma: 0.0 1.0 0.22

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 100$

%Regularität

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	56.71	67.03	38.7	77.4	30
YMa	56.71	0.0	77.4	77.4	90
LMa	56.71	-67.02	38.7	77.4	150
CMa	56.71	-67.02	-38.69	77.4	210
VMa	56.71	0.0	-77.39	77.4	270
MMa	56.71	67.03	-38.69	77.4	330
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

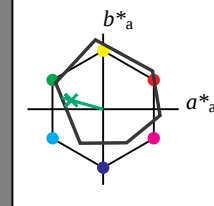
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*tch und lab^*nch

D65: Buntton G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.39	50.52	82.63	38
YMa	90.37	-10.26	91.75	92.32	96
LMa	50.9	-62.83	34.96	71.91	151
CMa	58.62	-30.34	-45.01	54.3	236
VMa	25.72	31.1	-44.4	54.22	305
MMa	48.13	75.28	-8.36	75.74	354
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
JCIE	81.26	-2.16	67.76	67.79	92
GCIE	52.23	-42.25	11.76	43.87	164
BCIE	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)
 $olvi3^*$ 1.0 1.0 1.0 (1.0)
 $cmyn3^*$ 0.0 0.0 0.0 (0.0)
 $olvi4^*$ 1.0 1.0 1.0 1.0
 $cmyn4^*$ 0.0 0.0 0.0 0.0

standard and adapted CIELAB
 LAB^*LAB 95.41 -0.98 4.75
 LAB^*LABa 95.41 0.0 0.0
 LAB^*TCHa 99.99 0.01 -

relative CIELAB lab*
 lab^*lab 1.0 0.0 0.0
 lab^*tch 1.0 0.0 -
 lab^*nch 0.0 0.0 -

relative Natural Colour (NC)
 lab^*lrj 1.0 0.0 0.0
 lab^*tce 1.0 0.0 -
 lab^*nce 0.0 0.0 -

relative Inform. Technology (IT)
 $olvi3^*$ 0.5 0.5 0.5 (1.0)
 $cmyn3^*$ 0.5 0.5 0.5 (0.0)
 $olvi4^*$ 1.0 1.0 1.0 0.5
 $cmyn4^*$ 0.0 0.0 0.0 0.5

standard and adapted CIELAB
 LAB^*LAB 56.71 -0.24 2.14
 LAB^*LABa 56.71 0.0 0.0
 LAB^*TCHa 50.0 0.01 -

relative CIELAB lab*
 lab^*lab 0.5 0.0 0.0
 lab^*tch 0.5 0.0 -
 lab^*nch 0.5 0.0 -

relative Natural Colour (NC)
 lab^*lrj 0.5 0.0 0.0
 lab^*tce 0.5 0.0 -
 lab^*nce 0.5 0.0 -

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 0.0 0.0 (1.0)
 $cmyn3^*$ 1.0 1.0 1.0 (0.0)
 $olvi4^*$ 1.0 1.0 1.0 0.0
 $cmyn4^*$ 0.0 0.0 0.0 1.0

standard and adapted CIELAB
 LAB^*LAB 18.02 0.5 -0.47
 LAB^*LABa 18.02 0.0 0.0
 LAB^*TCHa 0.01 0.01 -

relative CIELAB lab*
 lab^*lab 0.0 0.0 0.0
 lab^*tch 0.0 0.0 -
 lab^*nch 1.0 0.0 -

relative Natural Colour (NC)
 lab^*lrj 0.0 0.0 0.0
 lab^*tce 0.0 0.0 -
 lab^*nce 1.0 0.0 -

relative Inform. Technology (IT)
 $olvi3^*$ 0.5 1.0 0.623 (1.0)
 $cmyn3^*$ 0.5 0.0 0.377 (0.0)
 $olvi4^*$ 0.5 1.0 0.623 1.0
 $cmyn4^*$ 0.5 0.0 0.377 0.0

standard and adapted CIELAB
 LAB^*LAB 74.1 -27.98 10.94
 LAB^*LABa 74.1 -27.4 7.62
 LAB^*TCHa 75.0 28.45 164.46

relative CIELAB lab*
 lab^*lab 0.725 -0.481 0.134
 lab^*tch 0.75 0.5 0.457
 lab^*nch 0.0 0.5 0.457

relative Natural Colour (NC)
 lab^*lrj 0.725 -0.499 0.0
 lab^*tce 0.75 0.5 0.5
 lab^*nce 0.0 0.5 g00b

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 0.5 0.123 (1.0)
 $cmyn3^*$ 1.0 0.5 0.877 (0.0)
 $olvi4^*$ 0.5 1.0 0.623 0.5
 $cmyn4^*$ 0.5 0.0 0.377 0.5

standard and adapted CIELAB
 LAB^*LAB 35.41 -27.24 8.34
 LAB^*LABa 35.41 -27.4 7.63
 LAB^*TCHa 25.01 28.46 164.44

relative CIELAB lab*
 lab^*lab 0.225 -0.481 0.134
 lab^*tch 0.25 0.5 0.457
 lab^*nch 0.5 0.5 0.457

relative Natural Colour (NC)
 lab^*lrj 0.225 -0.499 0.0
 lab^*tce 0.25 0.5 0.5
 lab^*nce 0.5 0.5 g99g

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 0.5 0.123 (1.0)
 $cmyn3^*$ 1.0 0.5 0.877 (0.0)
 $olvi4^*$ 0.5 1.0 0.623 0.5
 $cmyn4^*$ 0.5 0.0 0.377 0.5

standard and adapted CIELAB
 LAB^*LAB 35.41 -27.24 8.34
 LAB^*LABa 35.41 -27.4 7.63
 LAB^*TCHa 25.01 28.46 164.44

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 1.0 0.246 (1.0)
 $cmyn3^*$ 1.0 0.0 0.754 (0.0)
 $olvi4^*$ 0.0 1.0 0.246 1.0
 $cmyn4^*$ 1.0 0.0 0.754 0.0

standard and adapted CIELAB
 LAB^*LAB 52.8 -54.98 17.14
 LAB^*LABa 52.8 -54.81 15.26
 LAB^*TCHa 50.0 56.91 164.45

relative CIELAB lab*
 lab^*lab 0.45 -0.962 0.268
 lab^*tch 0.5 1.0 0.457
 lab^*nch 0.0 1.0 0.457

relative Natural Colour (NC)
 lab^*lrj 0.45 -0.999 0.0
 lab^*tce 0.5 1.0 0.5
 lab^*nce 0.0 1.0 g99g

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 0.5 0.123 (1.0)
 $cmyn3^*$ 1.0 0.5 0.877 (0.0)
 $olvi4^*$ 0.5 1.0 0.623 0.5
 $cmyn4^*$ 0.5 0.0 0.377 0.5

standard and adapted CIELAB
 LAB^*LAB 35.41 -27.24 8.34
 LAB^*LABa 35.41 -27.4 7.63
 LAB^*TCHa 25.01 28.46 164.44

relative CIELAB lab*
 lab^*lab 0.225 -0.481 0.134
 lab^*tch 0.25 0.5 0.457
 lab^*nch 0.5 0.5 0.457

relative Natural Colour (NC)
 lab^*lrj 0.225 -0.499 0.0
 lab^*tce 0.25 0.5 0.5
 lab^*nce 0.5 0.5 g99g

relative Inform. Technology (IT)
 $olvi3^*$ 0.0 0.5 0.123 (1.0)
 $cmyn3^*$ 1.0 0.5 0.877 (0.0)
 $olvi4^*$ 0.5 1.0 0.623 0.5
 $cmyn4^*$ 0.5 0.0 0.377 0.5

standard and adapted CIELAB
 LAB^*LAB 35.41 -27.24 8.34
 LAB^*LABa 35.41 -27.4 7.63
 LAB^*TCHa 25.01 28.46 164.44

Siehe ähnliche Dateien: <http://www.ps.bam.de/OG07/>
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=0,0?

BAM-Registrierung: 20060101-OG07/10L/L07G08SP.PS/.PDF BAM-Material: Code=rha4ta
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
 /OG07/ Form: 9/10, Serie: 1/1, Seite: 9
 Seitenhang 9

OG070-7, 3 stufige Reihen für konstanten CIELAB Buntton 162/360 = 0.451 (links)

3 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (rechts)

BAM-Prüfvorlage OG07; Farbmétrik-Systeme ORS18 & ORS18input: $cmY0^*$ setcmykcolor

D65: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data depend

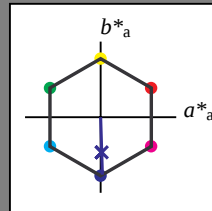
Eingabe: Farbmétrisches Standard-Reflektiv-System SRS18

für Buntton $h^* = lab^*h = 272/360 = 0.755$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 57 76 272

olv*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 100$

%Regularität

 $g^*_{H,rel} = 100$ $g^*_{C,rel} = 100$

SRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

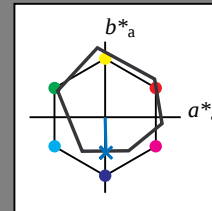
Ausgabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit t^* 

%Umfang

 $u^*_{rel} = 93$

%Regularität

 $g^*_{H,rel} = 57$ $g^*_{C,rel} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

relative Inform. Technology (IT)

olvi3*	0.5	0.744	1.0	(1.0)
cmyn3*	0.5	0.256	0.0	(0.0)
olvi4*	0.5	0.744	1.0	1.0
cmyn4*	0.5	0.256	0.0	0.0

standard and adapted CIELAB

LAB*LAB	68.6	0.07	-19.39
LAB*LABa	68.6	0.55	-22.34
LAB*TCa	75.0	22.36	271.4

relative CIELAB lab*

lab*lab	0.654	0.012	-0.499
lab*tch	0.75	0.5	0.754
lab*nch	0.0	0.5	0.754

relative Natural Colour (NC)

lab*lrj	0.654	0.0	-0.499
lab*tce	0.75	0.5	0.75
lab*nce	0.0	0.5	g99b

relative Inform. Technology (IT)

olvi3*	0.0	0.244	0.5	(1.0)
cmyn3*	1.0	0.756	0.5	(0.0)
olvi4*	0.5	0.744	1.0	0.5
cmyn4*	0.5	0.256	0.0	0.5

standard and adapted CIELAB

LAB*LAB	29.9	0.82	-22.01
LAB*LABa	29.9	0.55	-22.34
LAB*TCa	25.01	22.36	271.42

relative CIELAB lab*

lab*lab	0.154	0.012	-0.499
lab*tch	0.25	0.5	0.754
lab*nch	0.5	0.5	0.754

relative Natural Colour (NC)

lab*lrj	0.154	0.0	-0.499
lab*tce	0.25	0.5	0.75
lab*nce	0.5	0.5	b00r

relative Inform. Technology (IT)

olvi3*	0.0	0.488	1.0	(1.0)
cmyn3*	1.0	0.512	0.0	(0.0)
olvi4*	0.0	0.488	1.0	1.0
cmyn4*	1.0	0.512	0.0	0.0

standard and adapted CIELAB

LAB*LAB	41.79	1.14	-43.55
LAB*LABa	41.79	1.1	-44.69
LAB*TCa	50.0	44.71	271.41

relative CIELAB lab*

lab*lab	0.307	0.025	-0.998
lab*tch	0.5	1.0	0.754
lab*nch	0.0	1.0	0.754

relative Natural Colour (NC)

lab*lrj	0.307	0.0	-0.999
lab*tce	0.5	1.0	0.75
lab*nce	0.0	1.0	b00r