

Eingabe: Farbmatisches Reflexions-System ORS18

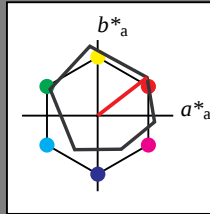
für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*tch und lab^*nch

D65: Buntton O

LCH*Ma: 48 83 38

rgb*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

Ausgabe: Farbmatisches Reflexions-System MRS18

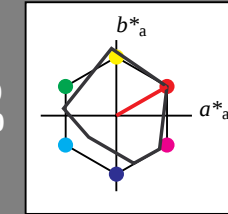
für Buntton $h^* = lab^*h = 30/360 = 0.083$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 50 77 30

rgb*Ma: 1.0 0.0 0.0

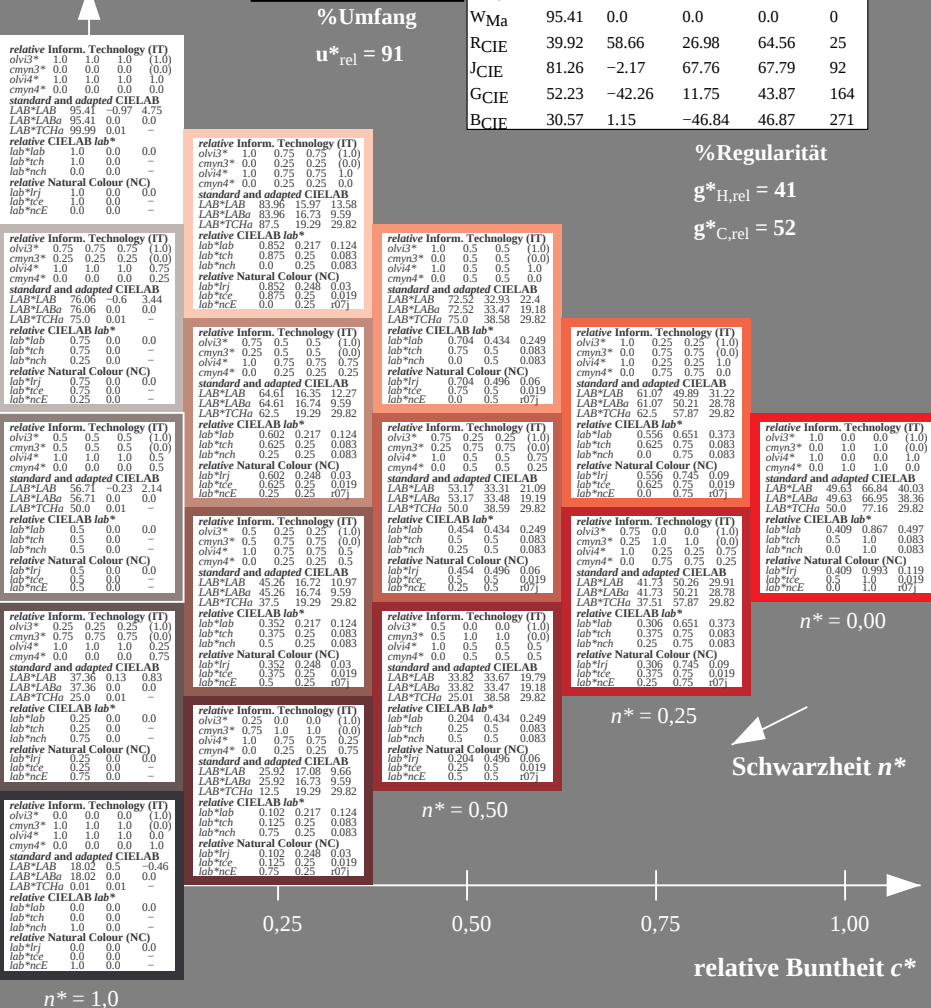
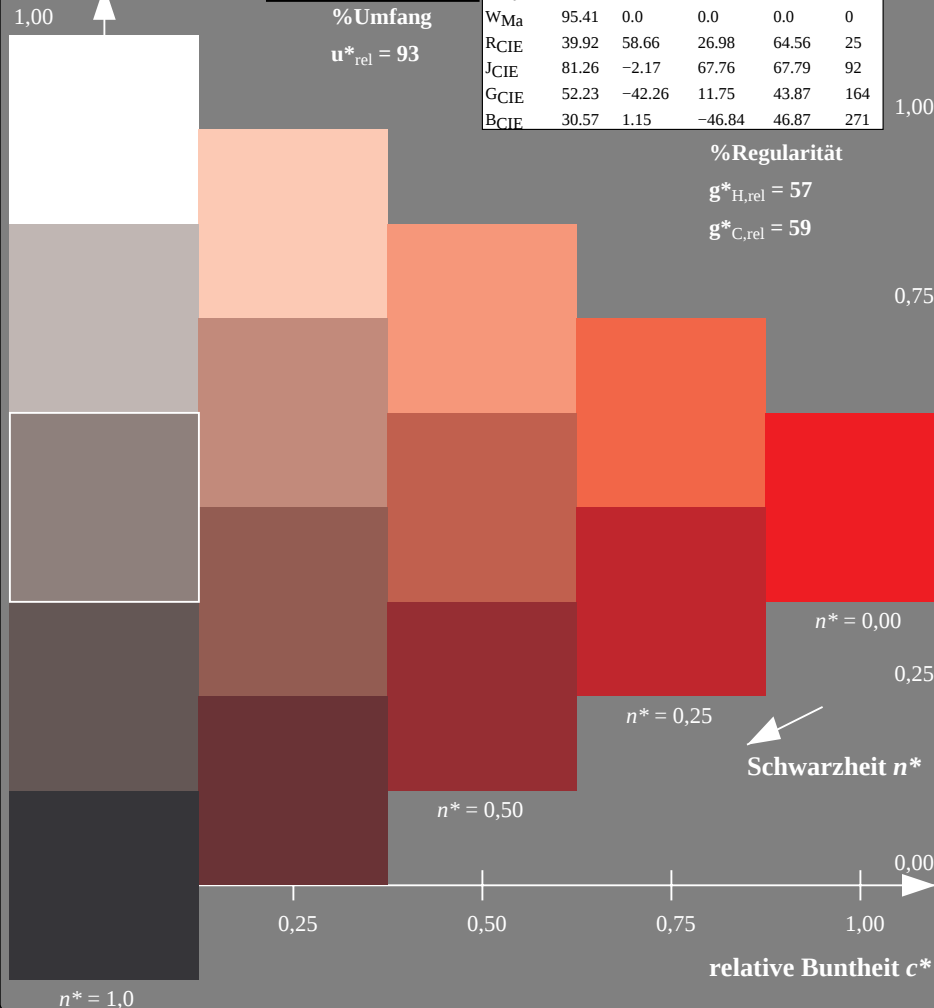
Dreiecks-Helligkeit



MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$ 

UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

5 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (rechts)

BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmimetrisches Reflexions-System ORS18

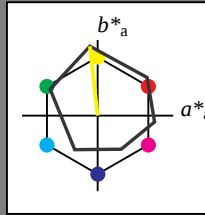
für Buntton $h^* = lab^*h = 96/360 = 0.268$ lab^*tch und lab^*nch

D65: Buntton Y

LCH*Ma: 90 92 96

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

1,00

0,75

n* = 0,00

0,25

n* = 0,25

n* = 0,50

0,00

relative Buntheit c^*

Ausgabe: Farbmimetrisches Reflexions-System MRS18

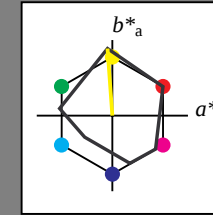
für Buntton $h^* = lab^*h = 94/360 = 0.261$ lab^*tch und lab^*nch

D65: Buntton J

LCH*Ma: 91 89 94

rgb*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

n* = 0,00

0,25

n* = 0,25

n* = 0,50

0,00

relative Buntheit c^*

UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 96/360 = 0.268 (links)

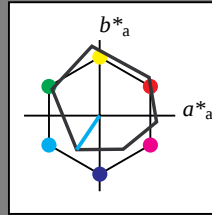
5 stufige Reihen für konstanten CIELAB Buntton 94/360 = 0.261 (rechts)

BAM-Prüfvorlage UG40; Farbmimetrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmimetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 236/360 = 0.656$ lab^*tch und lab^*nch D65: Buntton C
LCH*Ma: 59 54 236
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

1,00

0,75

n* = 0,00

0,25

n* = 0,25

n* = 0,50

n* = 1,0

relative Buntheit c^*

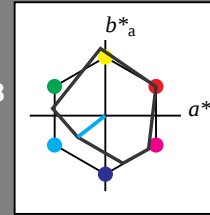
UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 236/360 = 0.656 (links)

BAM-Prüfvorlage UG40; Farbmimetrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependent*

Ausgabe: Farbmimetrisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 218/360 = 0.605$ lab^*tch und lab^*nch D65: Buntton G50B
LCH*Ma: 45 46 218
rgb*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

n* = 0,00

0,25

n* = 0,25

n* = 0,50

n* = 1,0

relative Buntheit c^*

5 stufige Reihen für konstanten CIELAB Buntton 218/360 = 0.605 (rechts)

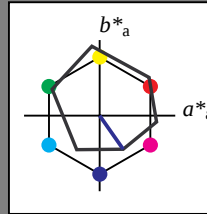
Eingabe: Farbmatisches Reflexions-System ORS18

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

D65: Buntton V
LCH*Ma: 26 54 305
rgb*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit

1,00



%Umfang

 $u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
GMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

1,00

relative Inform. Technology (IT)	$olvi3^*$	1.0	1.0	1.0	(1.0)
$cmyn3^*$	0.0	0.0	0.0	0.0	(0.0)
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	95.41	-0.97	4.75		
LAB^*TCha	95.41	0.0	0.0		
relative CIELAB lab*					
lab^*lab	1.0	0.0	0.0		
lab^*tch	1.0	0.0	0.0		
lab^*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	1.0	0.0	0.0		
lab^*tce	1.0	0.0	0.0		
lab^*nce	0.0	0.0	0.0		

relative Inform. Technology (IT)	$olvi3^*$	0.75	0.75	1.0	(1.0)
$cmyn3^*$	0.25	0.25	0.5	(0.0)	
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	80.72	5.1	-11.98		
LAB^*TCha	80.72	5.79	15.75		
LAB^*TCha	87.5	16.79	290.19		
relative CIELAB lab*					
lab^*lab	0.86	-0.234			
lab^*tch	0.875	0.25	0.806		
lab^*nch	0.0	0.25	0.806		
relative Natural Colour (NC)					
lab^*trj	0.81	0.064	-0.24		
lab^*tce	0.875	0.25	0.791		
lab^*nce	0.0	0.25	0.791		

relative Inform. Technology (IT)	$olvi3^*$	0.5	0.5	0.75	(1.0)
$cmyn3^*$	0.5	0.5	0.75	(0.0)	
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	76.06	-0.6	3.44		
LAB^*TCha	76.06	0.0	0.0		
LAB^*TCha	75.0	0.01	-		
relative CIELAB lab*					
lab^*lab	0.75	0.0	0.0		
lab^*tch	0.75	0.0	0.0		
lab^*nch	0.25	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	0.75	0.0	0.0		
lab^*tce	0.75	0.0	0.0		
lab^*nce	0.25	0.0	0.0		

relative Inform. Technology (IT)	$olvi3^*$	0.25	0.25	0.5	(1.0)
$cmyn3^*$	0.5	0.5	0.5	(0.0)	
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	56.71	0.23	2.14		
LAB^*TCha	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	0.0		
lab^*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	0.5	0.0	0.0		
lab^*tce	0.5	0.0	0.0		
lab^*nce	0.5	0.0	0.0		

relative Inform. Technology (IT)	$olvi3^*$	0.25	0.25	0.5	(1.0)
$cmyn3^*$	0.5	0.5	0.5	(0.0)	
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	56.71	0.23	2.14		
LAB^*TCha	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	0.0		
lab^*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	0.5	0.0	0.0		
lab^*tce	0.5	0.0	0.0		
lab^*nce	0.5	0.0	0.0		

relative Inform. Technology (IT)	$olvi3^*$	0.25	0.25	0.5	(1.0)
$cmyn3^*$	0.5	0.5	0.5	(0.0)	
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	42.02	5.84	-14.6		
LAB^*TCha	42.02	5.8	-15.75		
LAB^*TCha	37.5	16.8	290.19		
relative CIELAB lab*					
lab^*lab	0.31	0.086	-0.234		
lab^*tch	0.375	0.25	0.806		
lab^*nch	0.25	0.25	0.806		
relative Natural Colour (NC)					
lab^*trj	0.31	0.064	-0.241		
lab^*tce	0.375	0.25	0.791		
lab^*nce	0.25	0.25	0.791		

relative Inform. Technology (IT)	$olvi3^*$	0.0	0.0	0.5	(1.0)
$cmyn3^*$	0.75	0.75	0.75	(0.0)	
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	37.36	0.13	0.83		
LAB^*TCha	37.36	0.0	0.0		
LAB^*TCha	25.0	0.01	-		
relative CIELAB lab*					
lab^*lab	0.25	0.0	0.0		
lab^*tch	0.25	0.0	0.0		
lab^*nch	0.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	0.25	0.0	0.0		
lab^*tce	0.25	0.0	0.0		
lab^*nce	0.75	0.0	0.0		

relative Inform. Technology (IT)	$olvi3^*$	0.0	0.0	0.5	(1.0)
$cmyn3^*$	1.0	1.0	1.0	1.0	(1.0)
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	18.02	0.5	-0.46		
LAB^*TCha	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	0.0		
lab^*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	0.0	0.0	0.0		
lab^*tce	0.0	0.0	0.0		
lab^*nce	1.0	0.0	0.0		

relative Inform. Technology (IT)	$olvi3^*$	0.0	0.0	0.5	(1.0)
$cmyn3^*$	1.0	1.0	1.0	1.0	(1.0)
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	18.02	0.5	-0.46		
LAB^*TCha	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	0.0		
lab^*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	0.0	0.0	0.0		
lab^*tce	0.0	0.0	0.0		
lab^*nce	1.0	0.0	0.0		

relative Inform. Technology (IT)	$olvi3^*$	0.0	0.0	0.5	(1.0)
$cmyn3^*$	1.0	1.0	1.0	1.0	(1.0)
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	18.02	0.5	-0.46		
LAB^*TCha	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	0.0		
lab^*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	0.0	0.0	0.0		
lab^*tce	0.0	0.0	0.0		
lab^*nce	1.0	0.0	0.0		

relative Inform. Technology (IT)	$olvi3^*$	0.0	0.0	0.5	(1.0)
$cmyn3^*$	1.0	1.0	1.0	1.0	(1.0)
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	18.02	0.5	-0.46		
LAB^*TCha	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	0.0		
lab^*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	0.0	0.0	0.0		
lab^*tce	0.0	0.0	0.0		
lab^*nce	1.0	0.0	0.0		

relative Inform. Technology (IT)	$olvi3^*$	0.0	0.0	0.5	(1.0)
$cmyn3^*$	1.0	1.0	1.0	1.0	(1.0)
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	18.02	0.5	-0.46		
LAB^*TCha	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	0.0		
lab^*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	0.0	0.0	0.0		
lab^*tce	0.0	0.0	0.0		
lab^*nce	1.0	0.0	0.0		

relative Inform. Technology (IT)	$olvi3^*$	0.0	0.0	0.5	(1.0)
$cmyn3^*$	1.0	1.0	1.0	1.0	(1.0)
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB^*LAB	18.02	0.5	-0.46		
LAB^*TCha	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	0.0		
lab^*nch	1.0	0.0	0.0		
relative Natural Colour (NC)					
lab^*trj	0.0	0.0	0.0		
lab^*tce	0.0	0.0	0.0		
lab^*nce	1.0	0.0	0.0		

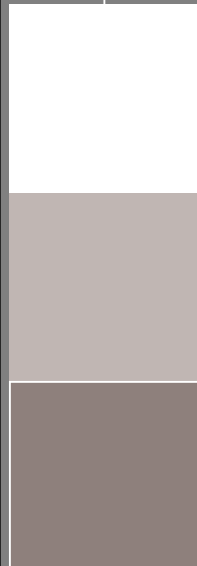
für 10 Bunttönen	
	0

Eingabe: Farbmatisches Reflexions-System ORS18

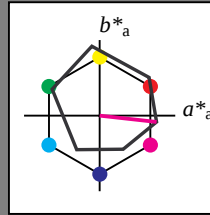
für Buntton $h^* = lab^*h = 354/360 = 0.982$ lab^*tch und lab^*nch D65: Buntton M
LCH*Ma: 48 76 354
rgb*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit

1,00



n* = 1,0



%Umfang

 $u^*_{rel} = 93$

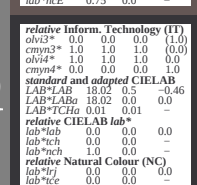
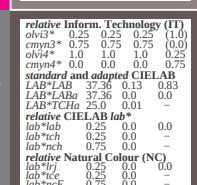
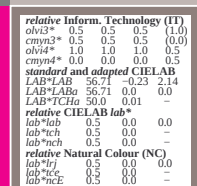
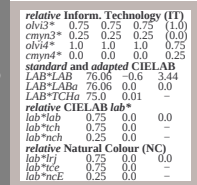
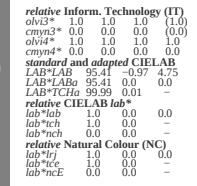
ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

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n* = 1,0

relative Buntheit c^*

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n* = 0,25

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Eingabe: Farbmatisches Reflexions-System ORS18

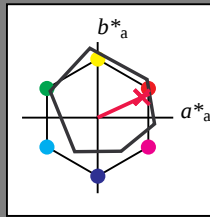
für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 75 25

rgb*Ma: 1.0 0.0 0.32

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

Ausgabe: Farbmatisches Reflexions-System MRS18

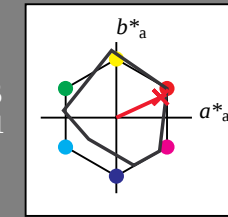
für Buntton $h^* = lab^*h = 25/360 = 0.069$ lab^*tch und lab^*nch

D65: Buntton R

LCH*Ma: 48 73 25

rgb*Ma: 1.0 0.0 0.1

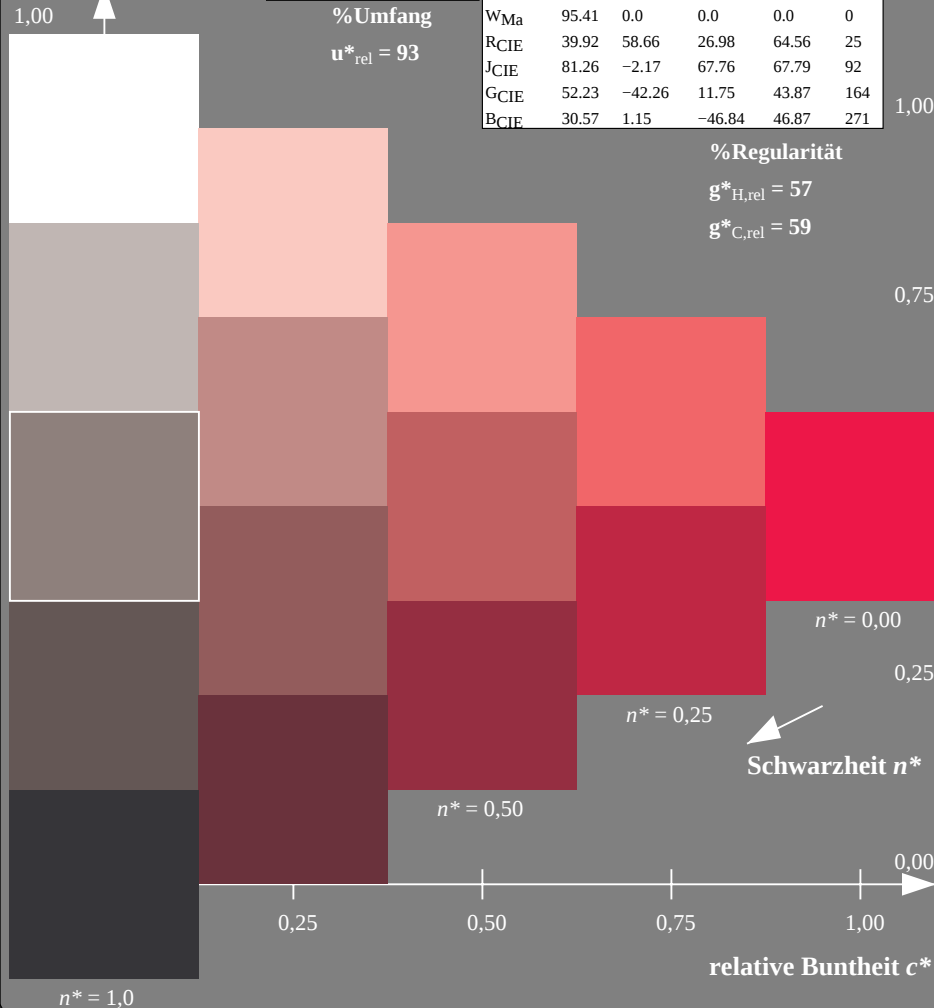
Dreiecks-Helligkeit



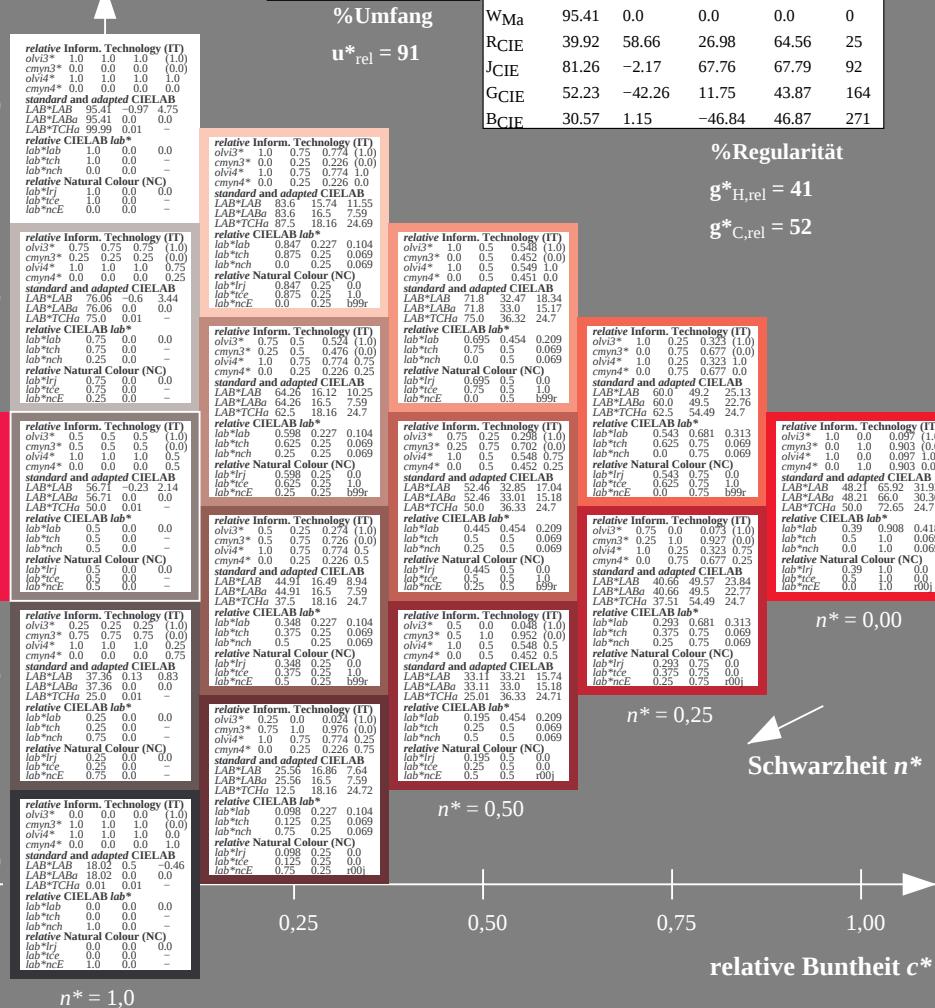
MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$ 

UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 25/360 = 0.069 (links)

BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

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

Eingabe: Farbmatisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*tch und lab^*nch D65: Buntton J
LCH*Ma: 86 88 92
rgb*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit

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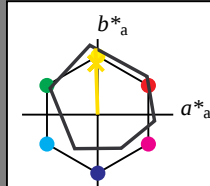
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%Umfang

 $u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

Ausgabe: Farbmatisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 92/360 = 0.255$ lab^*tch und lab^*nch D65: Buntton J
LCH*Ma: 89 86 92
rgb*Ma: 1.0 0.95 0.0

Dreiecks-Helligkeit

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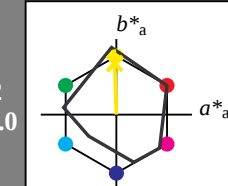
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%Umfang

 $u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 92/360 = 0.255 (links)

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

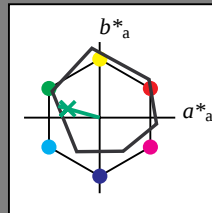
BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Eingabe: Farbmatisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*tch und lab^*nch D65: Buntton G
LCH*Ma: 53 57 164
rgb*Ma: 0.0 1.0 0.25

Dreiecks-Helligkeit

1,00



% Umfang

 $u^*_{rel} = 93$

ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

1,00

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 -0.97 4.75
LAB*LAB 95.41 0.0 0.0
LAB*TCh 99.99 0.01 0.0
lab*lab 1.0 0.0 0.0
lab*tch 1.0 0.0 0.0
lab*nch 0.0 0.0 0.0
lab*lrj 1.0 0.0 0.0
lab*tce 1.0 0.0 0.0
lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.75 0.75 0.75 (1.0)
cmyn3* 0.25 0.25 0.25 (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 76.06 -0.6 3.44
LAB*LAB 76.06 0.0 0.0
LAB*TCh 75.0 0.01 0.0
lab*lab 0.75 0.0 0.0
lab*tch 0.75 0.0 0.0
lab*nch 0.25 0.0 0.0
lab*lrj 0.75 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.25 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 56.71 -0.23 2.14
LAB*LAB 56.71 0.0 0.0
LAB*TCh 50.0 0.01 0.0
lab*lab 0.5 0.0 0.0
lab*tch 0.5 0.0 0.0
lab*nch 0.5 0.0 0.0
lab*lrj 0.5 0.0 0.0
lab*tce 0.5 0.0 0.0
lab*nce 0.5 0.0 0.0

relative Inform. Technology (IT)
olvi3* 0.25 0.25 0.25 (1.0)
cmyn3* 0.75 0.75 0.75 (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 37.36 0.13 0.83
LAB*LAB 37.36 0.0 0.0
LAB*TCh 25.0 0.01 0.0
lab*lab 0.25 0.0 0.0
lab*tch 0.25 0.0 0.0
lab*nch 0.75 0.0 0.0
lab*lrj 0.25 0.0 0.0
lab*tce 0.25 0.0 0.0
lab*nce 0.75 0.0 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 (1.0)
cmyn4* 0.0 0.0 0.0 (0.0)
standard and adapted CIELAB
LAB*LAB 18.02 0.5 -0.46
LAB*LAB 18.02 0.0 0.0
LAB*TCh 0.01 0.01 0.0
lab*lab 0.0 0.0 0.0
lab*tch 0.0 0.0 0.0
lab*nch 1.0 0.0 0.0
lab*lrj 0.0 0.0 0.0
lab*tce 0.0 0.0 0.0
lab*nce 1.0 0.0 0.0

 $n^* = 1.0$ relative Buntheit c^*

UG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 164/360 = 0.457 (links)

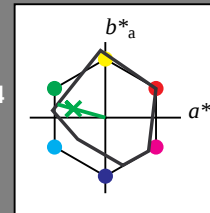
BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmatisches Reflexions-System MRS18

für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*tch und lab^*nch D65: Buntton G
LCH*Ma: 56 66 164
rgb*Ma: 0.1 1.0 0.0

Dreiecks-Helligkeit

1,00



% Umfang

 $u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50B _{Ma}	45.03	-36.57	-28.47	46.36	218
B _{Ma}	36.65	23.19	-63.05	67.18	290
B50R _{Ma}	34.94	57.17	-44.26	72.31	322
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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

relative Inform. Technology (IT)
olvi3* 0.776 1.0 0.75 (1.0)
cmyn3* 0.224 0.0 0.25 (0.0)
olvi4* 0.776 1.0 0.75 1.0
cmyn4* 0.0 0.0 0.25 0.0
standard and adapted CIELAB
LAB*LAB 85.57 -16.58 8.49
LAB*LAB 85.57 -15.79 4.4
LAB*TCh 87.5 16.4 164.45
lab*lab 0.776 0.0 0.25
lab*tch 0.776 0.25 0.457
lab*nch 0.0 0.25 0.457
lab*lrj 0.776 -0.249 0.0
lab*tce 0.776 0.25 0.5
lab*nce 0.0 0.25 0.998

relative Inform. Technology (IT)
olvi3* 0.526 0.75 0.5 (1.0)
cmyn3* 0.474 0.25 0.5 (0.0)
olvi4* 0.776 1.0 0.75 0.75
cmyn4* 0.0 0.25 0.25 0.25
standard and adapted CIELAB
LAB*LAB 66.22 -16.22 7.19
LAB*LAB 66.22 -15.8 4.4
LAB*TCh 62.5 16.41 164.46
lab*lab 0.526 0.5 0.134
lab*tch 0.526 0.25 0.457
lab*nch 0.25 0.25 0.457
lab*lrj 0.526 -0.249 0.0
lab*tce 0.526 0.25 0.5
lab*nce 0.25 0.25 0.998

relative Inform. Technology (IT)
olvi3* 0.276 0.5 0.5 (1.0)
cmyn3* 0.724 0.5 0.75 (0.0)
olvi4* 0.776 1.0 0.75 0.5
cmyn4* 0.224 0.0 0.25 0.5
standard and adapted CIELAB
LAB*LAB 46.87 -15.85 5.88
LAB*LAB 46.87 -15.8 4.4
LAB*TCh 37.5 16.41 164.46
lab*lab 0.276 0.5 0.0
lab*tch 0.276 0.25 0.457
lab*nch 0.25 0.25 0.457
lab*lrj 0.276 -0.249 0.0
lab*tce 0.276 0.25 0.5
lab*nce 0.5 0.25 0.998

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.949 0.5 1.0 (0.0)
olvi4* 0.551 1.0 0.5 0.5
cmyn4* 0.449 0.0 0.5 0.25
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.66
LAB*LAB 37.04 -31.6 8.78
LAB*TCh 25.01 32.81 164.47
lab*lab 0.246 -0.481 0.134
lab*tch 0.25 0.5 0.457
lab*nch 0.5 0.5 0.457
lab*lrj 0.246 -0.499 0.0
lab*tce 0.25 0.5 0.5
lab*nce 0.25 0.5 0.998

relative Inform. Technology (IT)
olvi3* 0.123 -0.24 0.067
cmyn3* 0.123 0.25 0.457
olvi4* 1.0 1.0 1.0 0.0
cmyn4* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
LAB*LAB 12.5 15.8 4.57
LAB*LAB 12.5 15.8 4.39
LAB*TCh 12.5 16.4 164.49
lab*lab 0.123 -0.24 0.067
lab*tch 0.123 0.25 0.457
lab*nch 1.0 1.0 0.0
lab*lrj 0.123 -0.249 0.0
lab*tce 0.123 0.25 0.5
lab*nce 0.75 0.25 0.998

 $n^* = 1.0$

relative Inform. Technology (IT)
olvi3* 0.551 1.0 0.5 (1.0)
cmyn3* 0.449 0.0 0.5 (0.0)
olvi4* 0.551 1.0 0.5 1.0
cmyn4* 0.449 0.0 0.5 0.0
standard and adapted CIELAB
LAB*LAB 75.74 -32.2 12.22
LAB*LAB 75.74 -31.6 8.79
LAB*TCh 75.0 32.81 164.46
lab*lab 0.746 -0.481 0.134
lab*tch 0.75 0.5 0.457
lab*nch 0.0 0.5 0.457
lab*lrj 0.746 -0.499 0.0
lab*tce 0.75 0.5 0.5
lab*nce 0.0 0.5 0.998

relative Inform. Technology (IT)
olvi3* 0.301 0.75 0.25 (1.0)
cmyn3* 0.699 0.25 0.75 (0.0)
olvi4* 0.551 1.0 0.5 0.75
cmyn4* 0.449 0.0 0.5 0.25
standard and adapted CIELAB
LAB*LAB 56.39 -31.61 10.92
LAB*LAB 56.39 -31.61 8.79
LAB*TCh 50.0 32.81 164.46
lab*lab 0.276 0.5 0.0
lab*tch 0.276 0.25 0.457
lab*nch 0.25 0.25 0.457
lab*lrj 0.276 -0.499 0.0
lab*tce 0.276 0.25 0.5
lab*nce 0.5 0.25 0.998

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.949 0.5 1.0 (0.0)
olvi4* 0.551 1.0 0.5 0.5
cmyn4* 0.449 0.0 0.5 0.25
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.66
LAB*LAB 37.04 -31.6 8.78
LAB*TCh 25.01 32.81 164.47
lab*lab 0.246 -0.481 0.134
lab*tch 0.25 0.5 0.457
lab*nch 0.5 0.5 0.457
lab*lrj 0.246 -0.499 0.0
lab*tce 0.25 0.5 0.5
lab*nce 0.25 0.5 0.998

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.949 0.5 1.0 (0.0)
olvi4* 0.551 1.0 0.5 0.5
cmyn4* 0.449 0.0 0.5 0.25
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.66
LAB*LAB 37.04 -31.6 8.78
LAB*TCh 25.01 32.81 164.47
lab*lab 0.246 -0.481 0.134
lab*tch 0.25 0.5 0.457
lab*nch 0.5 0.5 0.457
lab*lrj 0.246 -0.499 0.0
lab*tce 0.25 0.5 0.5
lab*nce 0.25 0.5 0.998

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.949 0.5 1.0 (0.0)
olvi4* 0.551 1.0 0.5 0.5
cmyn4* 0.449 0.0 0.5 0.25
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.66
LAB*LAB 37.04 -31.6 8.78
LAB*TCh 25.01 32.81 164.47
lab*lab 0.246 -0.481 0.134
lab*tch 0.25 0.5 0.457
lab*nch 0.5 0.5 0.457
lab*lrj 0.246 -0.499 0.0
lab*tce 0.25 0.5 0.5
lab*nce 0.25 0.5 0.998

 $n^* = 1.0$

relative Inform. Technology (IT)
olvi3* 0.327 1.0 0.25 (1.0)
cmyn3* 0.673 0.0 0.75 (0.0)
olvi4* 0.327 1.0 0.25 1.0
cmyn4* 0.673 0.0 0.75 0.0
standard and adapted CIELAB
LAB*LAB 65.9 -47.41 13.19
LAB*LAB 65.9 -47.41 13.19
LAB*TCh 62.5 49.22 164.46
lab*lab 0.619 -0.721 0.201
lab*tch 0.625 0.75 0.457
lab*nch 0.0 0.75 0.457
lab*lrj 0.619 -0.749 0.0
lab*tce 0.625 0.75 0.5
lab*nce 0.0 0.75 0.998

relative Inform. Technology (IT)
olvi3* 0.077 0.75 0.0 (1.0)
cmyn3* 0.923 0.25 1.0 (0.0)
olvi4* 0.327 1.0 0.25 0.75
cmyn4* 0.673 0.0 0.75 0.25
standard and adapted CIELAB
LAB*LAB 46.55 -47.46 14.64
LAB*LAB 46.55 -47.41 13.18
LAB*TCh 37.51 49.22 164.47
lab*lab 0.369 -0.722 0.201
lab*tch 0.375 0.75 0.457
lab*nch 0.25 0.75 0.457
lab*lrj 0.369 -0.749 0.0
lab*tce 0.375 0.75 0.5
lab*nce 0.25 0.75 0.998

relative Inform. Technology (IT)
olvi3* 0.077 0.75 0.0 (1.0)
cmyn3* 0.923 0.25 1.0 (0.0)
olvi4* 0.327 1.0 0.25 0.75
cmyn4* 0.673 0.0 0.75 0.25
standard and adapted CIELAB
LAB*LAB 46.55 -47.46 14.64
LAB*LAB 46.55 -47.41 13.18
LAB*TCh 37.51 49.22 164.47
lab*lab 0.369 -0.722 0.201
lab*tch 0.375 0.75 0.457
lab*nch 0.25 0.75 0.457
lab*lrj 0.369 -0.749 0.0
lab*tce 0.375 0.75 0.5
lab*nce 0.25 0.75 0.998

relative Inform. Technology (IT)
olvi3* 0.031 0.5 0.0 (1.0)
cmyn3* 0.949 0.5 1.0 (0.0)
olvi4* 0.551 1.0 0.5 0.5
cmyn4* 0.449 0.0 0.5 0.25
standard and adapted CIELAB
LAB*LAB 37.04 -31.47 9.66
LAB*LAB 37.04 -31.6 8.78
LAB*TCh 25.01 32.81 164.47
lab*lab 0.246 -0.481 0.134
lab*tch 0.25 0.5 0.457
lab*nch 0.5 0.5 0.457
lab*lrj 0.246 -0.499 0.0
lab*tce 0.25 0.5 0.5
lab*nce 0.25 0.5 0.998

 $n^* = 1.0$ relative Buntheit c^*

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

Eingabe: Farbmatisches Reflexions-System ORS18

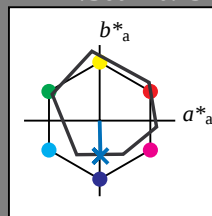
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 42 45 271

rgb*Ma: 0.0 0.49 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	47.94	65.37	50.52	82.62	38
YMa	90.37	-10.27	91.77	92.34	96
LMa	50.9	-62.79	34.95	71.87	151
CMa	58.62	-30.35	-45.01	54.3	236
VMa	25.71	31.11	-44.42	54.24	305
MMa	48.13	75.27	-8.35	75.73	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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

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

1,00

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	-0.97	4.75	
LAB*LABa	95.41	0.0	0.0	
LAB*LABb	95.41	0.0	0.0	
relative CIELAB lab*				
lab*lab	1.0	0.0	0.0	
lab*tch	1.0	0.0	0.0	
lab*nch	0.0	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	1.0	0.0	0.0	
lab*tce	1.0	0.0	0.0	
lab*nce	0.0	0.0	0.0	

relative Inform. Technology (IT)				
olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(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	76.06	-0.6	3.44	
LAB*LABa	76.06	0.0	0.0	
LAB*LABb	76.06	0.0	0.0	
relative CIELAB lab*				
lab*lab	0.75	0.0	0.0	
lab*tch	0.75	0.0	0.0	
lab*nch	0.25	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.75	0.0	0.0	
lab*tce	0.75	0.0	0.0	
lab*nce	0.25	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	56.71	0.23	2.14	
LAB*LABa	56.71	0.0	0.0	
LAB*LABb	56.71	0.0	0.0	
relative CIELAB lab*				
lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	0.0	
lab*nch	0.5	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.5	0.0	0.0	
lab*tce	0.5	0.0	0.0	
lab*nce	0.5	0.0	0.0	

relative Inform. Technology (IT)				
olvi3*	0.25	0.25	0.25	(1.0)
cmyn3*	0.75	0.75	0.75	(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	37.36	0.13	0.83	
LAB*LABa	37.36	0.0	0.0	
LAB*LABb	37.36	0.0	0.0	
relative CIELAB lab*				
lab*lab	0.25	0.0	0.0	
lab*tch	0.25	0.0	0.0	
lab*nch	0.75	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.25	0.0	0.0	
lab*tce	0.25	0.0	0.0	
lab*nce	0.75	0.0	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	(1.0)
cmyn4*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	18.02	0.5	0.46	
LAB*LABa	18.02	0.0	0.0	
LAB*LABb	18.02	0.0	0.0	
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	0.0	
lab*nch	1.0	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.0	0.0	0.0	
lab*tce	0.0	0.0	0.0	
lab*nce	1.0	0.0	0.0	

 $n^* = 1,0$

5 stufige Reihen für konstanten CIELAB Buntton 271/360 = 0.754 (rechts)

BAM-Prüfvorlage UG40; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$ D65: 5stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: *Startup (S) data dependend*

Ausgabe: Farbmatisches Reflexions-System MRS18

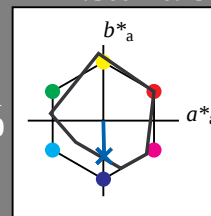
für Buntton $h^* = lab^*h = 271/360 = 0.754$ lab^*tch und lab^*nch

D65: Buntton B

LCH*Ma: 40 50 271

rgb*Ma: 0.0 0.37 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 91$

MRS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
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	64.56	25
JCIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

%Regularität

 $g^*_{H,rel} = 41$ $g^*_{C,rel} = 52$

1,00

relative Inform. Technology (IT)				
olvi3*	0.75	0.842	1.0	(1.0)
cmyn3*	0.25	0.158	0.0	(0.0)
olvi4*	0.75	0.842	1.0	(1.0)
cmyn4*	0.25	0.158	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	81.49	-0.4	-8.75	
LAB*LABa	81.49	0.31	12.57	
LAB*LABb	81.49	0.31	12.57	
relative CIELAB lab*				
lab*lab	0.75	0.0	0.0	
lab*tch	0.75	0.0	0.0	
lab*nch	0.25	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.75	0.0	0.0	
lab*tce	0.75	0.0	0.0	
lab*nce	0.25	0.0	0.0	

relative Inform. Technology (IT)				
olvi3*	0.5	0.592	0.75	(1.0)
cmyn3*	0.5	0.408	0.25	(0.0)
olvi4*	0.75	0.842	1.0	(1.0)
cmyn4*	0.25	0.158	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	62.14	-0.02	-10.06	
LAB*LABa	62.14	0.31	12.58	
LAB*LABb	62.14	0.31	12.58	
relative CIELAB lab*				
lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	0.0	
lab*nch	0.5	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.5	0.0	0.0	
lab*tce	0.5	0.0	0.0	
lab*nce	0.5	0.0	0.0	

relative Inform. Technology (IT)				
olvi3*	0.25	0.342	0.5	(1.0)
cmyn3*	0.75	0.598	0.5	(0.0)
olvi4*	0.75	0.842	1.0	(1.0)
cmyn4*	0.25	0.158	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	42.79	0.34	-11.37	
LAB*LABa	42.79	0.31	12.58	
LAB*LABb	42.79	0.31	12.58	
relative CIELAB lab*				
lab*lab	0.25	0.0	0.0	
lab*tch	0.25	0.0	0.0	
lab*nch	0.75	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.25	0.0	0.0	
lab*tce	0.25	0.0	0.0	
lab*nce	0.75	0.0	0.0	

relative Inform. Technology (IT)				
olvi3*	0.0	0.184	0.5	(1.0)
cmyn3*	1.0	0.816	0.5	(0.0)
olvi4*	0.5	0.842	1.0	(1.0)
cmyn4*	0.5	0.158	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	28.87	0.52	24.9	
LAB*LABa	28.87	0.62	25.16	
LAB*LABb	28.87	0.62	25.16	
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	0.0	
lab*nch	1.0	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.0	0.0	0.0	
lab*tce	0.0	0.0	0.0	
lab*nce	1.0	0.0	0.0	

relative Inform. Technology (IT)				
olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	0.908	0.75	(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	23.44	0.31	12.67	
LAB*LABa	23.44	0.31	12.67	
LAB*LABb	23.44	0.31	12.67	
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	0.0	
lab*nch	1.0	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.0	0.0	0.0	
lab*tce	0.0	0.0	0.0	
lab*nce	1.0	0.0	0.0	

 $n^* = 0,50$

relative Inform. Technology (IT)				
olvi3*	0.5	0.684	1.0	(1.0)
cmyn3*	0.5	0.316	0.0	(0.0)
olvi4*	0.5	0.684	1.0	(1.0)
cmyn4*	0.5	0.316	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	67.57	0.17	-22.28	
LAB*LABa	67.57	0.61	25.16	
LAB*LABb	67.57	0.61	25.16	
relative CIELAB lab*				
lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	0.0	
lab*nch	0.5	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.5	0.0	0.0	
lab*tce	0.5	0.0	0.0	
lab*nce	0.5	0.0	0.0	

relative Inform. Technology (IT)				
olvi3*	0.25	0.434	0.75	(1.0)
cmyn3*	0.75	0.566	0.25	(0.0)
olvi4*	0.5	0.684	1.0	(1.0)
cmyn4*	0.5	0.316	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	48.22	0.54	-23.59	
LAB*LABa	48.22	0.62	25.17	
LAB*LABb	48.22	0.62	25.17	
relative CIELAB lab*				
lab*lab	0.25	0.0	0.0	
lab*tch	0.25	0.0	0.0	
lab*nch	0.75	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.25	0.0	0.0	
lab*tce	0.25	0.0	0.0	
lab*nce	0.75	0.0	0.0	

relative Inform. Technology (IT)				
olvi3*	0.25	0.434	0.75	(1.0)
cmyn3*	0.75	0.566	0.25	(0.0)
olvi4*	0.5	0.684	1.0	(1.0)
cmyn4*	0.5	0.316	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	48.22	0.54	-23.59	
LAB*LABa	48.22	0.62	25.17	
LAB*LABb	48.22	0.62	25.17	
relative CIELAB lab*				
lab*lab	0.25	0.0	0.0	
lab*tch	0.25	0.0	0.0	
lab*nch	0.75	0.0	0.0	
relative Natural Colour (NC)				
lab*trj	0.25	0.0	0.0	
lab*tce	0.25	0.0	0.0	
lab*nce	0.75	0.0	0.0	

relative Inform. Technology (IT)				
olvi3*	0.0	0.184	0.5	(1.0)
cmyn3*	1.0	0.816	0.5	(0.0)
olvi4*	0.5	0.684	1.0	(1.0)
cmyn4*	0.5	0.316	0.0	(0.0)
standard and adapted CIELAB				
LAB*LAB	34.3	1.12	-37.12	
LAB*LABa	34.3	0.93	37.75	
LAB*LABb	34.3	0.93	37.75	
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*tch	0.0	0.0	0.0	
lab*nch	1.0	0.0	0.0	
relative Natural Colour (NC)				