

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

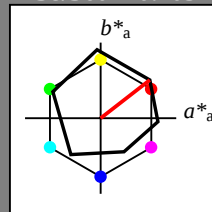
lab^*tch und lab^*nch

D50: Buntton O

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 38/360 = 0.107$

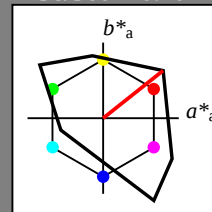
lab^*tch und lab^*nch

D50: Buntton O

LCH*Ma: 54 101 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

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	74.79	39.67	31.49	
LAB*LABa	74.79	39.67	31.49	
LAB*TCa	75.0	50.65	38.44	
relative CIELAB lab*				
lab*lab	0.784	0.392	0.311	
lab*tch	0.75	0.5	0.107	
lab*nch	0.0	0.5	0.107	
relative Natural Colour (NC)				
lab*lrj	0.784	0.479	0.142	
lab*tce	0.75	0.5	0.046	
lab*nce	0.0	0.5	r18j	

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	54.19	79.34	62.99	
LAB*LABa	54.19	79.34	62.99	
LAB*TCa	50.0	101.31	38.44	
relative CIELAB lab*				
lab*lab	0.568	0.783	0.622	
lab*tch	0.5	1.0	0.107	
lab*nch	0.0	1.0	0.107	
relative Natural Colour (NC)				
lab*lrj	0.568	0.958	0.285	
lab*tce	0.5	1.0	0.046	
lab*nce	0.0	1.0	r18j	

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	27.1	39.67	31.49	
LAB*LABa	27.1	39.67	31.49	
LAB*TCa	25.01	50.65	38.44	
relative CIELAB lab*				
lab*lab	0.284	0.392	0.311	
lab*tch	0.25	0.5	0.107	
lab*nch	0.5	0.5	0.107	
relative Natural Colour (NC)				
lab*lrj	0.284	0.479	0.142	
lab*tce	0.25	0.5	0.046	
lab*nce	0.5	0.5	r18j	

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	47.72	0.0	0.0	
LAB*LABa	47.72	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	0.03	0.0	0.0	
LAB*LABa	0.03	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*	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	27.1	39.67	31.49	
LAB*LABa	27.1	39.67	31.49	
LAB*TCa	25.01	50.65	38.44	
relative CIELAB lab*				
lab*lab	0.284	0.392	0.311	
lab*tch	0.25	0.5	0.107	
lab*nch	0.5	0.5	0.107	
relative Natural Colour (NC)				
lab*lrj	0.284	0.479	0.142	
lab*tce	0.25	0.5	0.046	
lab*nce	0.5	0.5	r18j	

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	54.19	79.34	62.99	
LAB*LABa	54.19	79.34	62.99	
LAB*TCa	50.0	101.31	38.44	
relative CIELAB lab*				
lab*lab	0.568	0.783	0.622	
lab*tch	0.5	1.0	0.107	
lab*nch	0.0	1.0	0.107	
relative Natural Colour (NC)				
lab*lrj	0.568	0.958	0.285	
lab*tce	0.5	1.0	0.046	
lab*nce	0.0	1.0	r18j	

Schwarzheit n^*

relative Buntheit c^*

Schwarzheit n^*

relative Buntheit c^*

PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.107 (rechts)

BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 93/360 = 0.258$

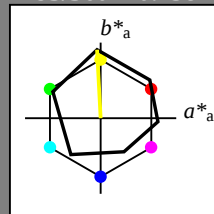
lab^*tch und lab^*nch

D50: Buntton Y

LCH*Ma: 91 91 93

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 100/360 = 0.277$

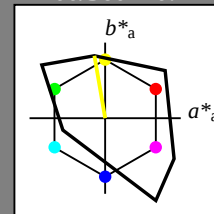
lab^*tch und lab^*nch

D50: Buntton Y

LCH*Ma: 93 84 100

olv*Ma: 1.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

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	0.0	0.0
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*	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	94.42	-7.08	41.29
LAB*LABa	94.42	-7.08	41.29
LAB*TCa	75.0	41.89	99.75

relative CIELAB lab*

lab*lab	0.99	-0.084	0.493
lab*tch	0.75	0.5	0.277
lab*nch	0.0	0.5	0.277

relative Natural Colour (NC)

lab*lrj	0.99	-0.114	0.487
lab*tce	0.75	0.5	0.287
lab*nce	0.0	0.5	j14g

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	46.73	-7.08	41.29
LAB*LABa	46.73	-7.08	41.29
LAB*TCa	25.01	41.89	99.75

relative CIELAB lab*

lab*lab	0.49	-0.084	0.493
lab*tch	0.25	0.5	0.277
lab*nch	0.5	0.5	0.277

relative Natural Colour (NC)

lab*lrj	0.49	-0.114	0.487
lab*tce	0.25	0.5	0.287
lab*nce	0.5	0.5	j14g

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	93.43	-14.18	82.57
LAB*LABa	93.43	-14.18	82.57
LAB*TCa	50.0	83.78	99.75

relative CIELAB lab*

lab*lab	0.979	-0.168	0.985
lab*tch	0.5	1.0	0.277
lab*nch	0.0	1.0	0.277

relative Natural Colour (NC)

lab*lrj	0.979	-0.229	0.973
lab*tce	0.5	1.0	0.287
lab*nce	0.0	1.0	j14g

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	0.03	0.0	0.0
LAB*LABa	0.03	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*	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	0.03	0.0	0.0
LAB*LABa	0.03	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*	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	0.03	0.0	0.0
LAB*LABa	0.03	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*	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	0.03	0.0	0.0
LAB*LABa	0.03	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*	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	0.03	0.0	0.0
LAB*LABa	0.03	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*	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	0.03	0.0	0.0
LAB*LABa	0.03	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	-

PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 93/360 = 0.258 (links)

3 stufige Reihen für konstanten CIELAB Buntton 100/360 = 0.277 (rechts)

BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

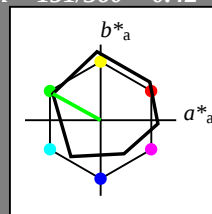
D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 151/360 = 0.42$
 lab^*ch und lab^*nch

D50: Buntton L
LCH*Ma: 51 72 151
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

ORS18; adaptierte CIELAB-Daten

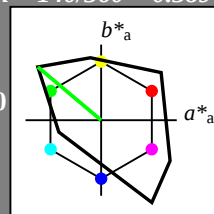
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 140/360 = 0.389$
 lab^*ch und lab^*nch

D50: Buntton L
LCH*Ma: 83 109 140
olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

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	0.0	0.0
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	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	89.11	-41.85	35.2
LAB*LABa	89.11	-41.85	35.2
LAB*TCa	75.0	54.69	139.94

relative CIELAB lab*

lab*lab	0.934	-0.382	0.322
lab*tch	0.75	0.5	0.389
lab*nch	0.0	0.5	0.389

relative Natural Colour (NC)

lab*lrj	0.934	-0.436	0.242
lab*tce	0.75	0.5	0.419
lab*nce	0.0	0.5	0.67g

relative Inform. Technology (IT)

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

standard and adapted CIELAB

LAB*LAB	41.42	-41.85	35.2
LAB*LABa	41.42	-41.85	35.2
LAB*TCa	25.01	54.69	139.94

relative CIELAB lab*

lab*lab	0.434	-0.382	0.322
lab*tch	0.25	0.5	0.389
lab*nch	0.5	0.5	0.389

relative Natural Colour (NC)

lab*lrj	0.434	-0.436	0.242
lab*tce	0.25	0.5	0.419
lab*nce	0.5	0.5	0.67g

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

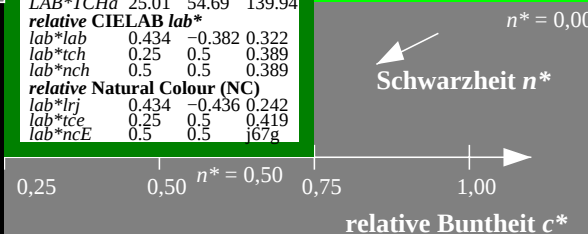
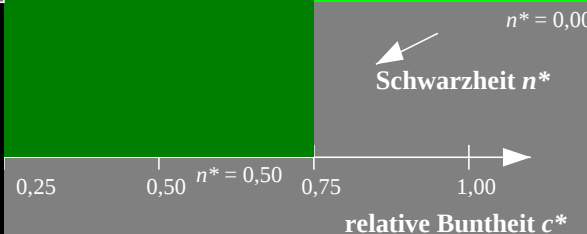
LAB*LAB	82.81	-83.71	70.4
LAB*LABa	82.81	-83.71	70.4
LAB*TCa	50.0	109.39	139.94

relative CIELAB lab*

lab*lab	0.868	-0.764	0.643
lab*tch	0.5	1.0	0.389
lab*nch	0.0	1.0	0.389

relative Natural Colour (NC)

lab*lrj	0.868	-0.874	0.484
lab*tce	0.5	1.0	0.419
lab*nce	0.0	1.0	0.67g



Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 231/360 = 0.641$

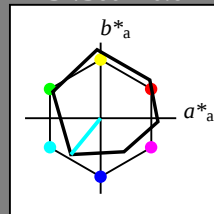
lab^*ch und lab^*nch

D50: Buntton C

LCH*Ma: 57 62 231

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

%Umfang

$u^*_{rel} = 94$

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 196/360 = 0.544$

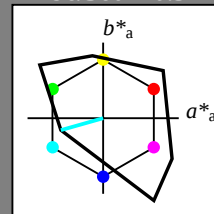
lab^*ch und lab^*nch

D50: Buntton C

LCH*Ma: 85 58 196

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit t^*



TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

%Umfang

$u^*_{rel} = 156$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

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 0.0 0.0
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 47.72 0.0 0.0
LAB*LABa 47.72 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 0.03 0.0 0.0
LAB*LABa 0.03 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 1.0 (1.0)
cmyn3* 0.5 0.0 0.0 (0.0)
olvi4* 0.5 1.0 1.0 1.0
cmyn4* 0.5 0.0 0.0 0.0

standard and adapted CIELAB
LAB*LAB 90.31 -27.94 -7.88
LAB*LABa 90.31 -27.94 -7.88
LAB*TCHa 75.0 29.04 195.77

relative CIELAB lab*
lab*lab 0.947 -0.48 -0.135
lab*tch 0.75 0.5 0.544
lab*nch 0.0 0.5 0.544

relative Natural Colour (NC)
lab*lrj 0.947 -0.439 -0.237
lab*tce 0.75 0.5 0.579
lab*nce 0.0 0.5 g31b

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 42.62 -27.94 -7.88
LAB*LABa 42.62 -27.94 -7.88
LAB*TCHa 25.01 29.04 195.77

relative CIELAB lab*
lab*lab 0.447 -0.48 -0.135
lab*tch 0.25 0.5 0.544
lab*nch 0.5 0.5 0.544

relative Natural Colour (NC)
lab*lrj 0.447 -0.439 -0.237
lab*tce 0.25 0.5 0.579
lab*nce 0.5 0.5 g31b

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 85.21 -55.89 -15.78
LAB*LABa 85.21 -55.89 -15.78
LAB*TCHa 50.0 58.09 195.77

relative CIELAB lab*
lab*lab 0.893 -0.961 -0.271
lab*tch 0.5 1.0 0.544
lab*nch 0.0 1.0 0.544

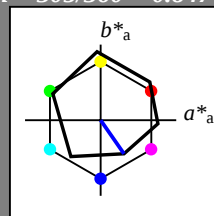
relative Natural Colour (NC)
lab*lrj 0.893 -0.878 -0.475
lab*tce 0.5 1.0 0.579
lab*nce 0.0 1.0 g31b

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

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

D50: Buntton V
LCH*Ma: 26 54 305
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 94$
%Regularität
 $g^*_{H,rel} = 65$
 $g^*_{C,rel} = 60$

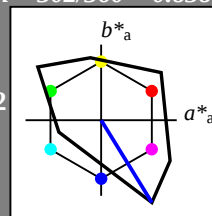
ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 302/360 = 0.838$
 lab^*tch und lab^*nch

D50: Buntton V
LCH*Ma: 26 128 302
olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 156$
%Regularität
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

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	0.0	0.0		
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	60.51	33.52	-54.42		
LAB*LABa	60.51	33.52	-54.42		
LAB*TCa	75.0	63.92	301.63		
relative CIELAB lab*					
lab*lab	0.634	0.262	-0.425		
lab*tch	0.75	0.5	0.838		
lab*nch	0.0	0.5	0.838		
relative Natural Colour (NC)					
lab*lrj	0.634	0.231	-0.442		
lab*tce	0.75	0.5	0.827		
lab*nce	0.0	0.5	0.838		

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	25.61	67.04	-108.87		
LAB*LABa	25.61	67.04	-108.87		
LAB*TCa	50.0	127.84	301.63		
relative CIELAB lab*					
lab*lab	0.268	0.524	-0.85		
lab*tch	0.5	1.0	0.838		
lab*nch	0.0	1.0	0.838		
relative Natural Colour (NC)					
lab*lrj	0.268	0.462	-0.885		
lab*tce	0.5	1.0	0.827		
lab*nce	0.0	1.0	0.838		

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	47.72	0.0	0.0		
LAB*LABa	47.72	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	0.03	0.0	0.0		
LAB*LABa	0.03	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*	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	12.82	33.52	-54.42		
LAB*LABa	12.82	33.52	-54.42		
LAB*TCa	25.01	63.92	301.63		
relative CIELAB lab*					
lab*lab	0.134	0.262	-0.425		
lab*tch	0.25	0.5	0.838		
lab*nch	0.5	0.5	0.838		
relative Natural Colour (NC)					
lab*lrj	0.134	0.231	-0.442		
lab*tce	0.25	0.5	0.827		
lab*nce	0.5	0.5	0.838		

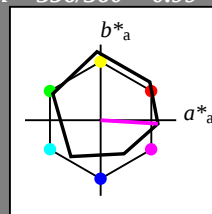
relative Inform. Technology (IT)					
olvi3*	0.0	0.0	1.0	(1.0)	
cmyn3*	1.0	1.0	0.0	(0.0)	
olvi4*	0.0	0.0	1.0	1.0	
cmyn4*	1.0	1.0	0.0	0.0	
standard and adapted CIELAB					
LAB*LAB	25.61	67.04	-108.87		
LAB*LABa	25.61	67.04	-108.87		
LAB*TCa	50.0	127.84	301.63		
relative CIELAB lab*					
lab*lab	0.268	0.524	-0.85		
lab*tch	0.5	1.0	0.838		
lab*nch	0.0	1.0	0.838		
relative Natural Colour (NC)					
lab*lrj	0.268	0.462	-0.885		
lab*tce	0.5	1.0	0.827		
lab*nce	0.0	1.0	0.838		

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 356/360 = 0.99$
 lab^*tch und lab^*nch

D50: Buntton M
LCH*Ma: 50 76 356
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

ORS18; adaptierte CIELAB-Daten

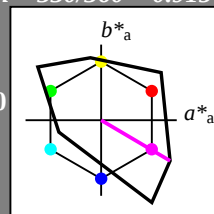
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 330/360 = 0.915$
 lab^*tch und lab^*nch

D50: Buntton M
LCH*Ma: 59 106 330
olv*Ma: 1.0 0.0 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

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 0.0 0.0
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 47.72 0.0 0.0
LAB*LABa 47.72 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 0.03 0.0 0.0
LAB*LABa 0.03 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* 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 77.08 45.58 -26.83
LAB*LABa 77.08 45.58 -26.83
LAB*TCHa 75.0 52.9 329.5

relative CIELAB lab*
lab*lab 0.808 0.431 -0.253
lab*tch 0.75 0.5 0.915
lab*nch 0.0 0.5 0.915

relative Natural Colour (NC)
lab*lrj 0.808 0.371 -0.334
lab*tce 0.75 0.5 0.883
lab*nce 0.0 0.5 b53r

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 29.39 45.58 -26.83
LAB*LABa 29.39 45.58 -26.83
LAB*TCHa 25.01 52.9 329.5

relative CIELAB lab*
lab*lab 0.308 0.431 -0.253
lab*tch 0.25 0.5 0.915
lab*nch 0.5 0.5 0.915

relative Natural Colour (NC)
lab*lrj 0.308 0.371 -0.334
lab*tce 0.25 0.5 0.883
lab*nce 0.5 0.5 b53r

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 58.76 91.16 -53.68
LAB*LABa 58.76 91.16 -53.68
LAB*TCHa 50.0 105.8 329.5

relative CIELAB lab*
lab*lab 0.616 0.861 -0.506
lab*tch 0.5 1.0 0.915
lab*nch 0.0 1.0 0.915

relative Natural Colour (NC)
lab*lrj 0.616 0.742 -0.669
lab*tce 0.5 1.0 0.883
lab*nce 0.0 1.0 b53r

Siehe ähnliche Dateien: <http://www.ps.bam.de/PG00/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-PG00/10S/S00G05NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/PG00 Form: 6/10, Serie: 1/1, Seite: 6
Satzzeichnung 6

PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 356/360 = 0.99 (links)

3 stufige Reihen für konstanten CIELAB Buntton 330/360 = 0.915 (rechts)

BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

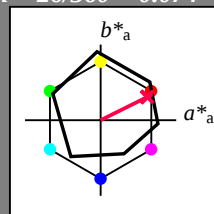
D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 26/360 = 0.074$
 lab^*tch und lab^*nch

D50: Buntton R
LCH*Ma: 49 76 26
olv*Ma: 1.0 0.0 0.3

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

ORS18; adaptierte CIELAB-Daten

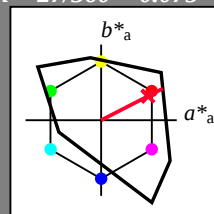
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

Ausgabe: Farbmimetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 27/360 = 0.075$
 lab^*tch und lab^*nch

D50: Buntton R
LCH*Ma: 55 92 27
olv*Ma: 1.0 0.0 0.18

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

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 0.0 0.0
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 47.72 0.0 0.0
LAB*LABa 47.72 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 0.03 0.0 0.0
LAB*LABa 0.03 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 0.5 0.591 (1.0)
cmyn3* 0.0 0.5 0.409 (0.0)
olvi4* 1.0 0.5 0.591 1.0
cmyn4* 0.0 0.5 0.409 0.0

standard and adapted CIELAB
LAB*LAB 75.21 40.74 20.91
LAB*LABa 75.21 40.74 20.91
LAB*TCa 75.0 45.8 27.17

relative CIELAB lab*
lab*lab 0.788 0.445 0.228
lab*tch 0.75 0.5 0.075
lab*nch 0.0 0.5 0.075

relative Natural Colour (NC)
lab*lrj 0.788 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 0.091 (1.0)
cmyn3* 0.5 1.0 0.909 (0.0)
olvi4* 1.0 0.5 0.591 0.5
cmyn4* 0.0 0.5 0.409 0.5

standard and adapted CIELAB
LAB*LAB 27.52 40.74 20.92
LAB*LABa 27.52 40.74 20.92
LAB*TCa 25.01 45.8 27.18

relative CIELAB lab*
lab*lab 0.288 0.445 0.228
lab*tch 0.25 0.5 0.075
lab*nch 0.5 0.5 0.075

relative Natural Colour (NC)
lab*lrj 0.288 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 0.181 (1.0)
cmyn3* 0.0 1.0 0.819 (0.0)
olvi4* 1.0 0.0 0.182 1.0
cmyn4* 0.0 1.0 0.818 0.0

standard and adapted CIELAB
LAB*LAB 55.02 81.49 41.83
LAB*LABa 55.02 81.49 41.83
LAB*TCa 50.0 91.6 27.17

relative CIELAB lab*
lab*lab 0.577 0.889 0.457
lab*tch 0.5 1.0 0.075
lab*nch 0.0 1.0 0.075

relative Natural Colour (NC)
lab*lrj 0.577 1.0 0.0
lab*tce 0.5 1.0 0.0
lab*nce 0.0 1.0 0.00j

Siehe ähnliche Dateien: <http://www.ps.bam.de/PG00/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

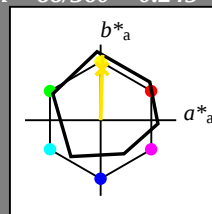
BAM-Registrierung: 20060101-PG00/10S/S00G06NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/PG00 Form: 7/10, Serie: 1/1, Seite: 7
Satz: hmg 7

Eingabe: Farbmimetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 88/360 = 0.245$
 lab^*ch und lab^*nch

D50: Buntton J
LCH*Ma: 86 86 88
olv*Ma: 1.0 0.9 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

ORS18; adaptierte CIELAB-Daten

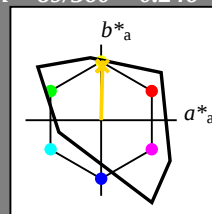
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

Ausgabe: Farbmimetrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 89/360 = 0.246$
 lab^*ch und lab^*nch

D50: Buntton J
LCH*Ma: 87 79 89
olv*Ma: 1.0 0.83 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

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 0.0 0.0
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* 1.0 0.913 0.5 (1.0)
cmyn3* 0.0 0.087 0.5 (0.0)
olvi4* 1.0 0.914 0.5 1.0
cmyn4* 0.0 0.086 0.5 0.0

standard and adapted CIELAB
LAB*LAB 91.02 0.99 39.59
LAB*LABa 91.02 0.99 39.59
LAB*TCHa 75.0 39.61 88.56

relative CIELAB lab*
lab*lab 0.954 0.013 0.5
lab*tch 0.75 0.5 0.246
lab*nch 0.0 0.5 0.246
relative Natural Colour (NC)
lab*lrj 0.954 0.0 0.5
lab*tce 0.75 0.5 0.25
lab*nce 0.0 0.5 1.0

relative Inform. Technology (IT)
olvi3* 1.0 0.827 0.0 (1.0)
cmyn3* 0.0 0.173 1.0 (0.0)
olvi4* 1.0 0.827 0.0 1.0
cmyn4* 0.0 0.173 1.0 0.0

standard and adapted CIELAB
LAB*LAB 86.64 2.0 79.18
LAB*LABa 86.64 2.0 79.18
LAB*TCHa 50.0 79.21 88.56

relative CIELAB lab*
lab*lab 0.908 0.025 0.999
lab*tch 0.5 1.0 0.246
lab*nch 0.0 1.0 0.246
relative Natural Colour (NC)
lab*lrj 0.908 0.0 1.0
lab*tce 0.5 1.0 0.25
lab*nce 0.0 1.0 1.0

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 47.72 0.0 0.0
LAB*LABa 47.72 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 0.03 0.0 0.0
LAB*LABa 0.03 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 -

Siehe ähnliche Dateien: <http://www.ps.bam.de/PG00/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-PG00/10S/S00G07NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/PG00 Form: 8/10, Serie: 1/1, Seite: 8
Satzanzahlung 8

PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 88/360 = 0.245 (links)

3 stufige Reihen für konstanten CIELAB Buntton 89/360 = 0.246 (rechts)

BAM-Prüfvorlage PG00; Farbmimetrische Systeme ORS18 & TLS00 input: olv* setrgbcolor

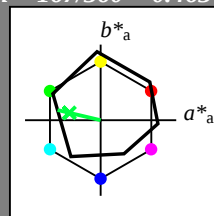
D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 167/360 = 0.463$
 lab^*ch und lab^*nch

D50: Buntton G
LCH*Ma: 52 59 167
olv*Ma: 0.0 1.0 0.26

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

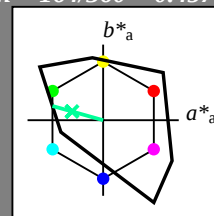
ORS18; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

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

D50: Buntton G
LCH*Ma: 84 70 164
olv*Ma: 0.0 1.0 0.6

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

TLS00; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

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 0.0 0.0
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 47.72 0.0 0.0
LAB*LABa 47.72 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 0.03 0.0 0.0
LAB*LABa 0.03 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* 0.5 1.0 0.799 (1.0)
cmyn3* 0.5 0.0 0.201 (0.0)
olvi4* 0.5 1.0 0.8 1.0
cmyn4* 0.5 0.0 0.2 0.0

standard and adapted CIELAB
LAB*LAB 89.83 -33.52 9.39
LAB*LABa 89.83 -33.52 9.39
LAB*TCa 75.0 34.82 164.36

relative CIELAB lab*
lab*lab 0.941 -0.48 0.135
lab*tch 0.75 0.5 0.457
lab*nch 0.0 0.5 0.457

relative Natural Colour (NC)
lab*lrj 0.941 -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 0.299 (1.0)
cmyn3* 1.0 0.5 0.701 (0.0)
olvi4* 0.5 1.0 0.799 0.5
cmyn4* 0.5 0.0 0.201 0.5

standard and adapted CIELAB
LAB*LAB 42.13 -33.52 9.4
LAB*LABa 42.13 -33.52 9.4
LAB*TCa 25.01 34.82 164.34

relative CIELAB lab*
lab*lab 0.442 -0.48 0.135
lab*tch 0.25 0.5 0.457
lab*nch 0.5 0.5 0.457

relative Natural Colour (NC)
lab*lrj 0.442 -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 1.0 0.599 (1.0)
cmyn3* 1.0 0.0 0.401 (0.0)
olvi4* 0.0 1.0 0.599 1.0
cmyn4* 1.0 0.0 0.401 0.0

standard and adapted CIELAB
LAB*LAB 84.25 -67.05 18.79
LAB*LABa 84.25 -67.05 18.79
LAB*TCa 50.0 69.64 164.35

relative CIELAB lab*
lab*lab 0.883 -0.962 0.27
lab*tch 0.5 1.0 0.457
lab*nch 0.0 1.0 0.457

relative Natural Colour (NC)
lab*lrj 0.883 -0.999 0.0
lab*tce 0.5 1.0 0.5
lab*nce 0.0 1.0 g00b

Siehe ähnliche Dateien: <http://www.ps.bam.de/PG00/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1,1

BAM-Registrierung: 20060101-PG00/10S/S00G08NP.PS/.PDF BAM-Material: Code=rha4ta
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/PG00 Form: 9/10, Serie: 1/1, Seite: 9
Satzanz hlung 9

PG000-7, 3 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.463 (links)

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

BAM-Prüfvorlage PG00; Farbmétrik-Systeme ORS18 & TLS00 input: olv* setrgbcolor

D50: 3stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: no change compared to input

Eingabe: Farbmétrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 263/360 = 0.731$

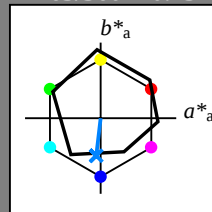
lab^*tch und lab^*nch

D50: Buntton B

LCH*Ma: 42 47 263

olv*Ma: 0.0 0.52 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 94$

%Regularität

$g^*_{H,rel} = 65$

$g^*_{C,rel} = 60$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.05	50.54	82.38	38
Y _{Ma}	91.0	-4.72	90.58	90.7	93
L _{Ma}	50.9	-63.18	34.98	72.22	151
C _{Ma}	56.99	-39.34	-48.1	62.16	231
V _{Ma}	25.72	30.89	-44.4	54.09	305
M _{Ma}	49.99	75.76	-4.64	75.9	356
N _{Ma}	18.09	0.0	0.0	0.0	0
W _{Ma}	95.46	0.0	0.0	0.0	0
R _{CIE}	41.88	61.66	30.69	68.88	26
J _{CIE}	81.97	2.02	67.79	67.82	88
G _{CIE}	51.62	-41.32	9.74	42.46	167
B _{CIE}	29.2	-5.79	-49.61	49.96	263

Ausgabe: Farbmétrisches Fernseh-Licht-System TLS00

für Buntton $h^* = lab^*h = 264/360 = 0.733$

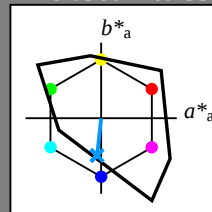
lab^*tch und lab^*nch

D50: Buntton B

LCH*Ma: 61 54 264

olv*Ma: 0.0 0.59 1.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 156$

%Regularität

$g^*_{H,rel} = 26$

$g^*_{C,rel} = 45$

TLS00; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.19	79.36	63.0	101.33	38
Y _{Ma}	93.44	-14.18	82.59	83.8	100
L _{Ma}	82.82	-83.73	70.41	109.41	140
C _{Ma}	85.22	-55.9	-15.78	58.1	196
V _{Ma}	25.61	67.05	-108.87	127.87	302
M _{Ma}	58.76	91.18	-53.69	105.82	330
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	41.88	62.0	31.82	69.69	27
J _{CIE}	81.97	1.81	71.59	71.61	89
G _{CIE}	51.62	-41.11	11.52	42.7	164
B _{CIE}	29.2	-5.27	-49.33	49.62	264

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	0.0	0.0
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	0.796	1.0	(1.0)
cmyn3*	0.5	0.204	0.0	(0.0)
olvi4*	0.5	0.796	1.0	1.0
cmyn4*	0.5	0.204	0.0	0.0

standard and adapted CIELAB

LAB*LAB	78.15	-2.87	-26.86
LAB*LABa	78.15	-2.87	-26.86
LAB*TCHa	75.0	27.02	263.88

relative CIELAB lab*

lab*lab	0.819	-0.052	-0.496
lab*tch	0.75	0.5	0.733
lab*nch	0.0	0.5	0.733

relative Natural Colour (NC)

lab*lrj	0.819	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	0.296	0.5	(1.0)
cmyn3*	1.0	0.704	0.5	(0.0)
olvi4*	0.5	0.796	1.0	0.5
cmyn4*	0.5	0.204	0.0	0.5

standard and adapted CIELAB

LAB*LAB	30.46	-2.86	-26.87
LAB*LABa	30.46	-2.86	-26.87
LAB*TCHa	25.01	27.03	263.9

relative CIELAB lab*

lab*lab	0.319	-0.052	-0.496
lab*tch	0.25	0.5	0.733
lab*nch	0.5	0.5	0.733

relative Natural Colour (NC)

lab*lrj	0.319	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	0.592	1.0	(1.0)
cmyn3*	1.0	0.408	0.0	(0.0)
olvi4*	0.0	0.592	1.0	1.0
cmyn4*	1.0	0.408	0.0	0.0

standard and adapted CIELAB

LAB*LAB	60.9	-5.74	-53.74
LAB*LABa	60.9	-5.74	-53.74
LAB*TCHa	50.0	54.06	263.89

relative CIELAB lab*

lab*lab	0.638	-0.105	-0.993
lab*tch	0.5	1.0	0.733
lab*nch	0.0	1.0	0.733

relative Natural Colour (NC)

lab*lrj	0.638	0.0	-0.999
lab*tce	0.5	1.0	0.75
lab*nce	0.0	1.0	g99b

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	0.03	0.0	0.0
LAB*LABa	0.03	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*	0.0	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	0.03	0.0	0.0
LAB*LABa	0.03	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 Buntheit c^*

relative Buntheit c^*