

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

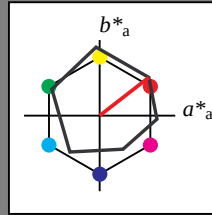
für Buntton $h^* = lab^*h = 38/360 = 0.105$ lab^*tch und lab^*nch

D50: Buntton O

LCH*Ma: 48 82 38

olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit



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

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

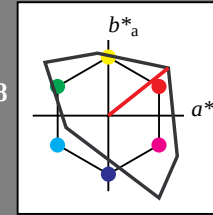
für Buntton $h^* = lab^*h = 38/360 = 0.107$ lab^*tch und lab^*nch

D50: Buntton O

LCH*Ma: 54 101 38

olv*Ma: 1.0 0.0 0.0

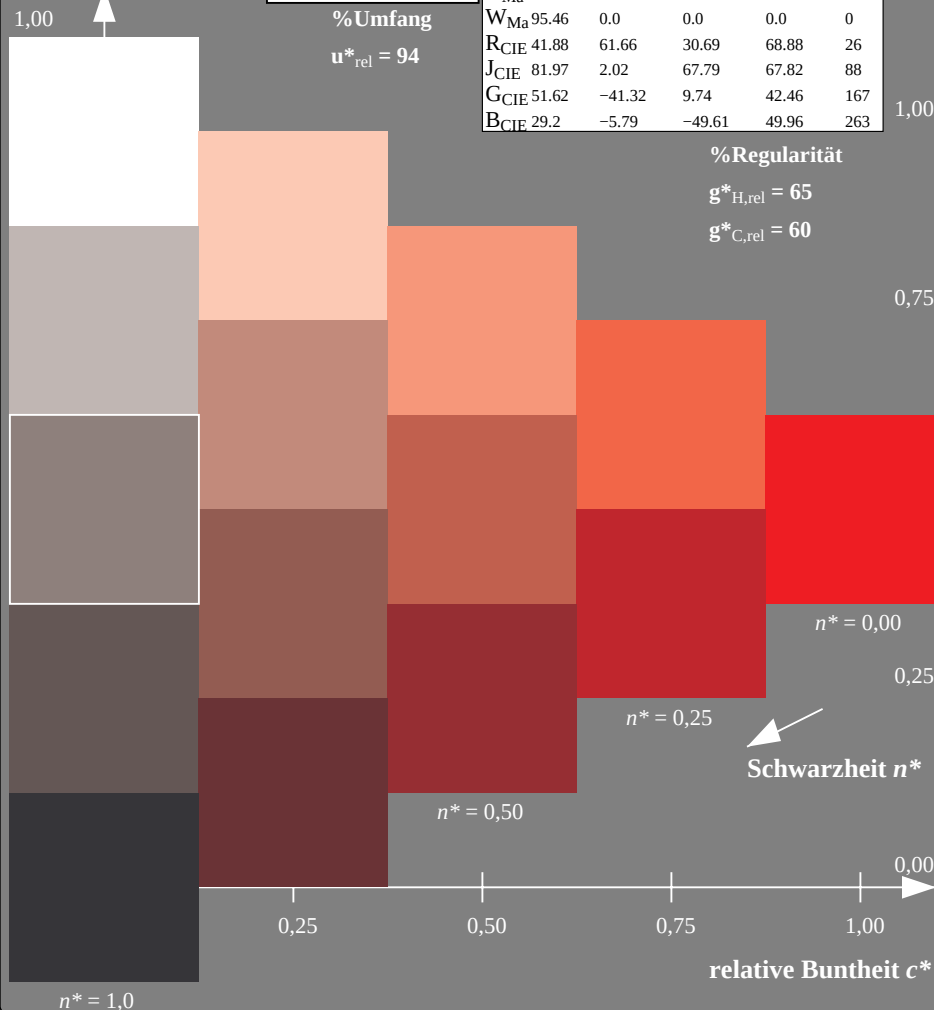
Dreiecks-Helligkeit



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

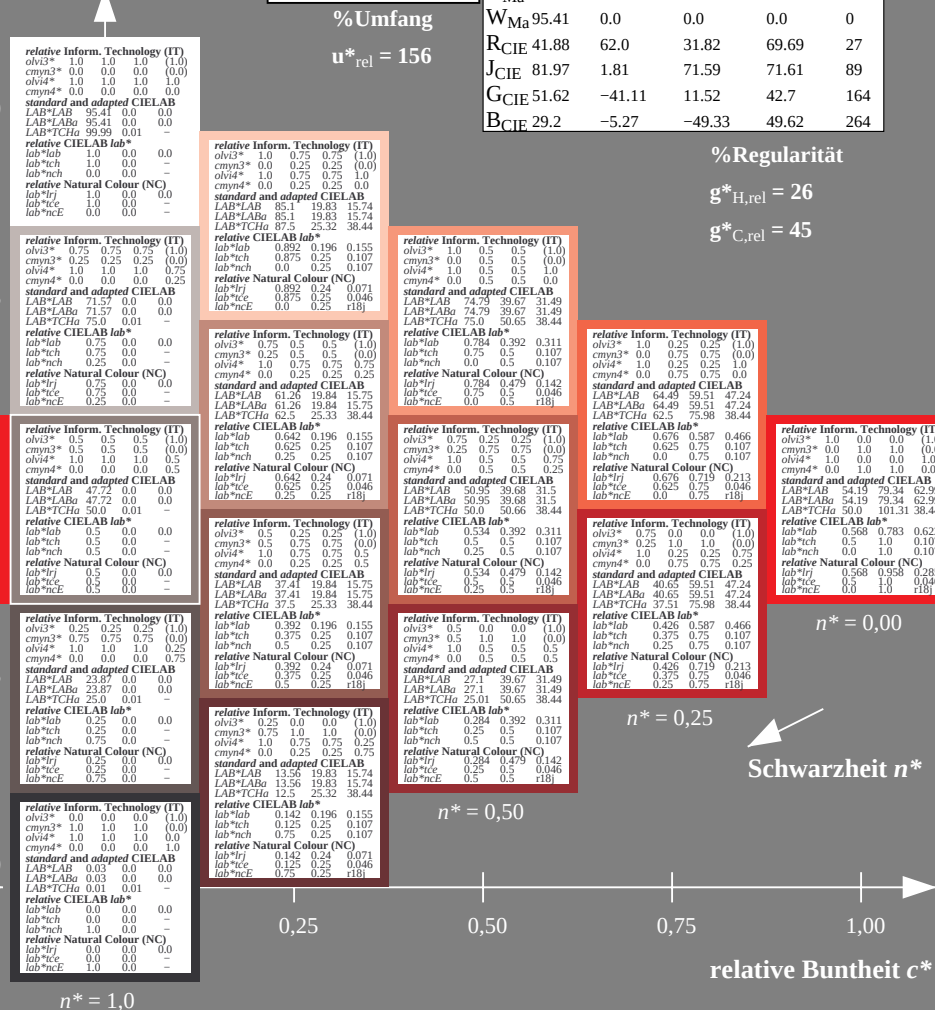
%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$ 

QG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & ORS18input: cmy0* setcmykcolor

D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend



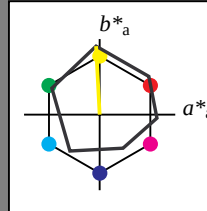
5 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.107 (rechts)

Eingabe: Farbmatisches 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

1,00



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

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

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 0.0 0.0
LAB*LABa	95.41 0.0 0.0
LAB*LABb	95.41 0.0 0.0
LAB*LABc	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
lab*trj	1.0 0.0 0.0
relative Natural Colour (NC)	
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*trj	1.0 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	71.57 0.0 0.0
LAB*LABa	71.57 0.0 0.0
LAB*LABb	71.57 0.0 0.0
LAB*LABc	71.57 0.0 0.0
relative CIELAB lab*	
lab*lab	0.75 0.75 0.75 (1.0)
lab*tch	0.75 0.75 0.75 (1.0)
lab*nch	0.25 0.25 0.25 (0.0)
lab*trj	0.75 0.75 0.75 (1.0)
relative Natural Colour (NC)	
lab*lab	0.75 0.75 0.75 (1.0)
lab*tch	0.75 0.75 0.75 (1.0)
lab*nch	0.25 0.25 0.25 (0.0)
lab*trj	0.75 0.75 0.75 (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 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	47.72 0.0 0.0
LAB*LABa	47.72 0.0 0.0
LAB*LABb	47.72 0.0 0.0
LAB*LABc	47.72 0.0 0.0
relative CIELAB lab*	
lab*lab	0.5 0.5 0.5 (1.0)
lab*tch	0.5 0.5 0.5 (1.0)
lab*nch	0.5 0.5 0.5 (1.0)
lab*trj	0.5 0.5 0.5 (1.0)
relative Natural Colour (NC)	
lab*lab	0.5 0.5 0.5 (1.0)
lab*tch	0.5 0.5 0.5 (1.0)
lab*nch	0.5 0.5 0.5 (1.0)
lab*trj	0.5 0.5 0.5 (1.0)

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	23.87 0.0 0.0
LAB*LABa	23.87 0.0 0.0
LAB*LABb	23.87 0.0 0.0
LAB*LABc	23.87 0.0 0.0
relative CIELAB lab*	
lab*lab	0.25 0.25 0.25 (1.0)
lab*tch	0.25 0.25 0.25 (1.0)
lab*nch	0.75 0.75 0.75 (0.0)
lab*trj	0.25 0.25 0.25 (1.0)
relative Natural Colour (NC)	
lab*lab	0.25 0.25 0.25 (1.0)
lab*tch	0.25 0.25 0.25 (1.0)
lab*nch	0.75 0.75 0.75 (0.0)
lab*trj	0.25 0.25 0.25 (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 (1.0)
cmyn4*	0.0 0.0 0.0 (0.0)
standard and adapted CIELAB	
LAB*LAB	0.03 0.0 0.0
LAB*LABa	0.03 0.0 0.0
LAB*LABb	0.03 0.0 0.0
LAB*LABc	0.03 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
lab*trj	0.0 0.0 0.0
relative Natural Colour (NC)	
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*trj	0.0 0.0 0.0

 $n^* = 1.0$

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

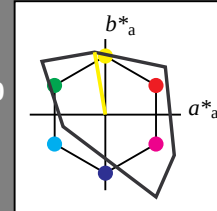
BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Ausgabe: Farbmatisches 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

1,00



%Umfang

 $u^*_{rel} = 156$

relative Inform. Technology (IT)	
olvi3*	1.0 1.0 0.75 (1.0)
cmyn3*	0.0 0.0 0.25 (0.0)
olvi4*	1.0 1.0 0.75 1.0
cmyn4*	0.0 0.0 0.25 0.0
standard and adapted CIELAB	
LAB*LAB	94.91 -3.54 20.64
LAB*LABa	94.91 -3.54 20.64
LAB*LABb	94.91 -3.54 20.64
LAB*LABc	94.91 -3.54 20.64
relative CIELAB lab*	
lab*lab	1.0 0.0 0.75 (1.0)
lab*tch	0.75 0.25 0.277
lab*nch	0.0 0.0 0.25 0.0
lab*trj	0.995 -0.056 0.243
relative Natural Colour (NC)	
lab*lab	0.75 0.25 0.277
lab*tch	0.75 0.25 0.277
lab*nch	0.0 0.0 0.25 0.0
lab*trj	0.995 -0.056 0.243

relative Inform. Technology (IT)	
olvi3*	0.75 0.75 0.5 (1.0)
cmyn3*	0.25 0.25 0.5 (0.0)
olvi4*	1.0 1.0 0.75 0.75
cmyn4*	0.0 0.0 0.25 0.25
standard and adapted CIELAB	
LAB*LAB	71.07 -3.54 20.65
LAB*LABa	71.07 -3.54 20.65
LAB*LABb	71.07 -3.54 20.65
LAB*LABc	71.07 -3.54 20.65
relative CIELAB lab*	
lab*lab	0.75 0.75 0.5 (1.0)
lab*tch	0.75 0.25 0.277
lab*nch	0.25 0.25 0.277
lab*trj	0.995 -0.056 0.243
relative Natural Colour (NC)	
lab*lab	0.75 0.25 0.277
lab*tch	0.75 0.25 0.277
lab*nch	0.25 0.25 0.277
lab*trj	0.995 -0.056 0.243

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 0.75 0.5
cmyn4*	0.0 0.0 0.25 0.5
standard and adapted CIELAB	
LAB*LAB	47.72 -3.54 20.65
LAB*LABa	47.72 -3.54 20.65
LAB*LABb	47.72 -3.54 20.65
LAB*LABc	47.72 -3.54 20.65
relative CIELAB lab*	
lab*lab	0.5 0.5 0.5 (1.0)
lab*tch	0.5 0.5 0.277
lab*nch	0.5 0.5 0.277
lab*trj	0.995 -0.056 0.243
relative Natural Colour (NC)	
lab*lab	0.5 0.5 0.5 (1.0)
lab*tch	0.5 0.5 0.277
lab*nch	0.5 0.5 0.277
lab*trj	0.995 -0.056 0.243

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 0.75 0.25
cmyn4*	0.0 0.0 0.25 0.25
standard and adapted CIELAB	
LAB*LAB	23.87 -3.54 20.65
LAB*LABa	23.87 -3.54 20.65
LAB*LABb	23.87 -3.54 20.65
LAB*LABc	23.87 -3.54 20.65
relative CIELAB lab*	
lab*lab	0.25 0.25 0.25 (1.0)
lab*tch	0.25 0.25 0.277
lab*nch	0.75 0.75 0.75 (0.0)
lab*trj	0.995 -0.056 0.243
relative Natural Colour (NC)	
lab*lab	0.25 0.25 0.277
lab*tch	0.25 0.25 0.277
lab*nch	0.75 0.75 0.75 (0.0)
lab*trj	0.995 -0.056 0.243

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	0.03 -3.54 20.64
LAB*LABa	0.03 -3.54 20.64
LAB*LABb	0.03 -3.54 20.64
LAB*LABc	0.03 -3.54 20.64
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
lab*trj	0.0 0.0 0.0
relative Natural Colour (NC)	
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*trj	0.0 0.0 0.0

 $n^* = 1.0$

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*LABb	94.42 -7.08 41.29
LAB*LABc	94.42 -7.08 41.29
relative CIELAB lab*	
lab*lab	1.0 1.0 0.5 (1.0)
lab*tch	0.5 0.5 0.277
lab*nch	0.0 0.0 0.5 0.0
lab*trj	0.995 -0.056 0.243
relative Natural Colour (NC)	
lab*lab	1.0 1.0 0.5 (1.0)
lab*tch	0.5 0.5 0.277
lab*nch	0.0 0.0 0.5 0.0
lab*trj	0.995 -0.056 0.243

relative Inform. Technology (IT)	
olvi3*	0.75 0.75 0.25 (1.0)
cmyn3*	0.25 0.25 0.75 (0.0)
olvi4*	1.0 1.0 0.5 0.75
cmyn4*	0.0 0.0 0.5 0.25
standard and adapted CIELAB	
LAB*LAB	70.58 -7.08 41.3
LAB*LABa	70.58 -7.08 41.3
LAB*LABb	70.58 -7.08 41.3
LAB*LABc	70.58 -7.08 41.3
relative CIELAB lab*	
lab*lab	0.75 0.75 0.25 (1.0)
lab*tch	0.75 0.25 0.277
lab*nch	0.25 0.25 0.75 (0.0)
lab*trj	0.995 -0.056 0.243
relative Natural Colour (NC)	
lab*lab	0.75 0.25 0.277
lab*tch	0.75 0.25 0.277
lab*nch	0.25 0.25 0.75 (0.0)
lab*trj	0.995 -0.056 0.243

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 0.5 0.5
cmyn4*	0.0 0.0 0.5 0.5
standard and adapted CIELAB	
LAB*LAB	47.72 -7.08 41.3
LAB*LABa	47.72 -7.08 41.3
LAB*LABb	47.72 -7.08 41.3
LAB*LABc	47.72 -7.08 41.3
relative CIELAB lab*	
lab*lab	0.5 0.5 0.5 (1.0)
lab*tch	0.5 0.5 0.277
lab*nch	0.5 0.5 0.277
lab*trj	0.995 -0.056 0.243
relative Natural Colour (NC)	
lab*lab	0.5 0.5 0.5 (1.0)
lab*tch	0.5 0.5 0.277
lab*nch	0.5 0.5 0.277
lab*trj	0.995 -0.056 0.243

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 0.5 0.25
cmyn4*	0.0 0.0 0.25 0.25
standard and adapted CIELAB	
LAB*LAB	23.87 -7.08 41.29
LAB*LABa	23.87 -7.08 41.29
LAB*LABb	23.87 -7.08 41.29
LAB*LABc	23.87 -7.08 41.29
relative CIELAB lab*	
lab*lab	0.25 0.25 0.25 (1.0)
lab*tch	0.25 0.25 0.277
lab*nch	0.75 0.75 0.75 (0.0)
lab*trj	0.995 -0.056 0.243
relative Natural Colour (NC)	
lab*lab	0.25 0.25 0.277
lab*tch	0.25 0.25 0.277
lab*nch	0.75 0.75 0.75 (0.0)
lab*trj	0.995 -0.056 0.243

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	0.03 -7.08 41.29
LAB*LABa	0.03 -7.08 41.29
LAB*LABb	0.03 -7.08 41.29
LAB*LABc	0.03 -7.08 41.29
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
lab*trj	0.0 0.0 0.0
relative Natural Colour (NC)	
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*trj	0.0 0.0 0.0

 $n^* = 1.0$

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

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

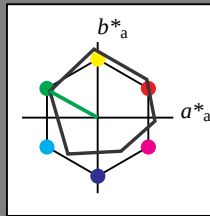
für Buntton $h^* = lab^*h = 151/360 = 0.42$ lab^*tch und lab^*nch

D50: Buntton L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



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
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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

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

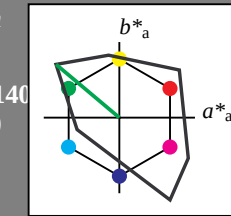
für Buntton $h^* = lab^*h = 140/360 = 0.389$ lab^*tch und lab^*nch

D50: Buntton L

LCH*Ma: 83 109 140

olv*Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 156$

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

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$

1,00

0,75

 $n^* = 0,00$

0,25

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

0,25

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

QG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 151/360 = 0.42 (links)

5 stufige Reihen für konstanten CIELAB Buntton 140/360 = 0.389 (rechts)

BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

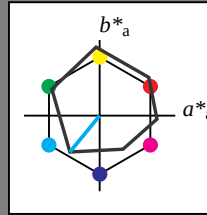
für Buntton $h^* = lab^*h = 231/360 = 0.641$ lab^*tch und lab^*nch

D50: Buntton C

LCH*Ma: 57 62 231

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



ORS18; adaptierte CIELAB-Daten

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

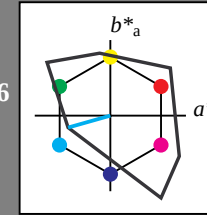
für Buntton $h^* = lab^*h = 196/360 = 0.544$ lab^*tch und lab^*nch

D50: Buntton C

LCH*Ma: 85 58 196

olv*Ma: 0.0 1.0 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 156$

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

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$

1,00

0,75

 $n^* = 0,00$

0,25

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

QG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 231/360 = 0.641 (links)

5 stufige Reihen für konstanten CIELAB Buntton 196/360 = 0.544 (rechts)

BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

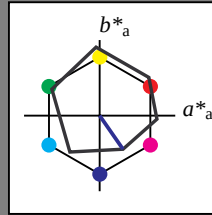
für Buntton $h^* = lab^*h = 305/360 = 0.847$ lab^*tch und lab^*nch

D50: Buntton V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

Dreiecks-Helligkeit



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

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

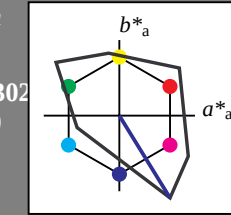
für Buntton $h^* = lab^*h = 302/360 = 0.838$ lab^*tch und lab^*nch

D50: Buntton V

LCH*Ma: 26 128 302

olv*Ma: 0.0 0.0 1.0

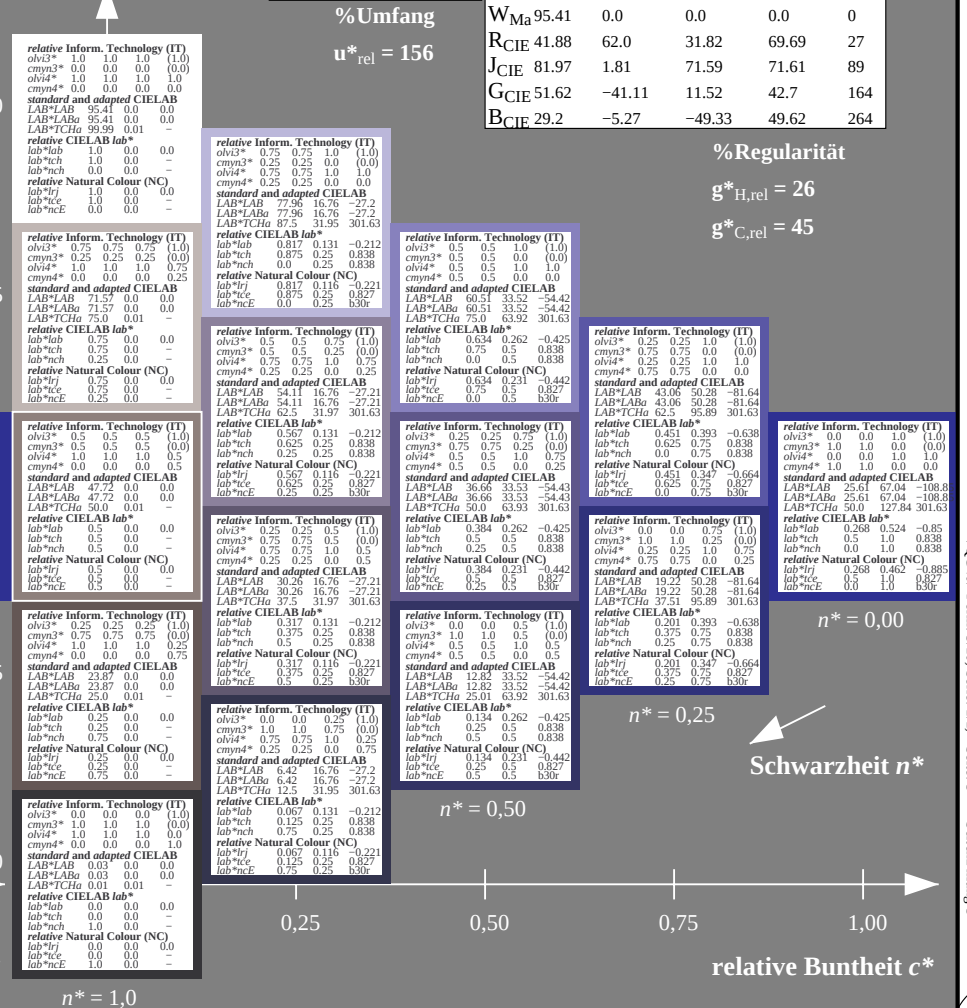
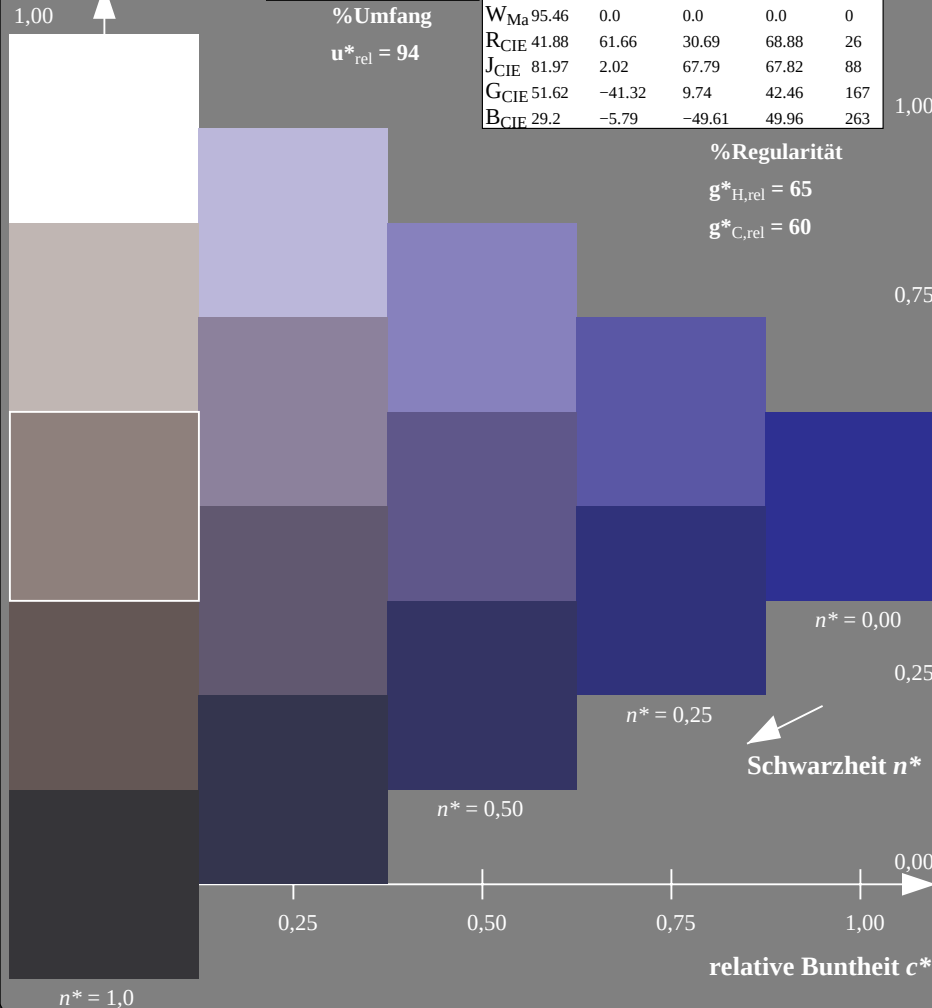
Dreiecks-Helligkeit



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

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$ 

QG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 305/360 = 0.847 (links)

5 stufige Reihen für konstanten CIELAB Buntton 302/360 = 0.838 (rechts)

BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & ORS18input: cmy0* setcmykcolor

D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: Startup (S) data dependend

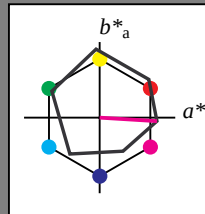
Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

1,00



%Umfang

 $u^*_{rel} = 94$

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

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

1,00

relative Inform. Technology (IT)	0.01	0.01	0.01	0.01	0.01
olvi3*	1.0	1.0	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0	0.0	0.0
olvi5*	0.0	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0
olvi9*	0.0	0.0	0.0	0.0	0.0
olvi10*	0.0	0.0	0.0	0.0	0.0
olvi11*	0.0	0.0	0.0	0.0	0.0
olvi12*	0.0	0.0	0.0	0.0	0.0
olvi13*	0.0	0.0	0.0	0.0	0.0
olvi14*	0.0	0.0	0.0	0.0	0.0
olvi15*	0.0	0.0	0.0	0.0	0.0
olvi16*	0.0	0.0	0.0	0.0	0.0
olvi17*	0.0	0.0	0.0	0.0	0.0
olvi18*	0.0	0.0	0.0	0.0	0.0
olvi19*	0.0	0.0	0.0	0.0	0.0
olvi20*	0.0	0.0	0.0	0.0	0.0
olvi21*	0.0	0.0	0.0	0.0	0.0
olvi22*	0.0	0.0	0.0	0.0	0.0
olvi23*	0.0	0.0	0.0	0.0	0.0
olvi24*	0.0	0.0	0.0	0.0	0.0
olvi25*	0.0	0.0	0.0	0.0	0.0
olvi26*	0.0	0.0	0.0	0.0	0.0
olvi27*	0.0	0.0	0.0	0.0	0.0
olvi28*	0.0	0.0	0.0	0.0	0.0
olvi29*	0.0	0.0	0.0	0.0	0.0
olvi30*	0.0	0.0	0.0	0.0	0.0
olvi31*	0.0	0.0	0.0	0.0	0.0
olvi32*	0.0	0.0	0.0	0.0	0.0
olvi33*	0.0	0.0	0.0	0.0	0.0
olvi34*	0.0	0.0	0.0	0.0	0.0
olvi35*	0.0	0.0	0.0	0.0	0.0
olvi36*	0.0	0.0	0.0	0.0	0.0
olvi37*	0.0	0.0	0.0	0.0	0.0
olvi38*	0.0	0.0	0.0	0.0	0.0
olvi39*	0.0	0.0	0.0	0.0	0.0
olvi40*	0.0	0.0	0.0	0.0	0.0
olvi41*	0.0	0.0	0.0	0.0	0.0
olvi42*	0.0	0.0	0.0	0.0	0.0
olvi43*	0.0	0.0	0.0	0.0	0.0
olvi44*	0.0	0.0	0.0	0.0	0.0
olvi45*	0.0	0.0	0.0	0.0	0.0
olvi46*	0.0	0.0	0.0	0.0	0.0
olvi47*	0.0	0.0	0.0	0.0	0.0
olvi48*	0.0	0.0	0.0	0.0	0.0
olvi49*	0.0	0.0	0.0	0.0	0.0
olvi50*	0.0	0.0	0.0	0.0	0.0
olvi51*	0.0	0.0	0.0	0.0	0.0
olvi52*	0.0	0.0	0.0	0.0	0.0
olvi53*	0.0	0.0	0.0	0.0	0.0
olvi54*	0.0	0.0	0.0	0.0	0.0
olvi55*	0.0	0.0	0.0	0.0	0.0
olvi56*	0.0	0.0	0.0	0.0	0.0
olvi57*	0.0	0.0	0.0	0.0	0.0
olvi58*	0.0	0.0	0.0	0.0	0.0
olvi59*	0.0	0.0	0.0	0.0	0.0
olvi60*	0.0	0.0	0.0	0.0	0.0
olvi61*	0.0	0.0	0.0	0.0	0.0
olvi62*	0.0	0.0	0.0	0.0	0.0
olvi63*	0.0	0.0	0.0	0.0	0.0
olvi64*	0.0	0.0	0.0	0.0	0.0
olvi65*	0.0	0.0	0.0	0.0	0.0
olvi66*	0.0	0.0	0.0	0.0	0.0
olvi67*	0.0	0.0	0.0	0.0	0.0
olvi68*	0.0	0.0	0.0	0.0	0.0
olvi69*	0.0	0.0	0.0	0.0	0.0
olvi70*	0.0	0.0	0.0	0.0	0.0
olvi71*	0.0	0.0	0.0	0.0	0.0
olvi72*	0.0	0.0	0.0	0.0	0.0
olvi73*	0.0	0.0	0.0	0.0	0.0
olvi74*	0.0	0.0	0.0	0.0	0.0
olvi75*	0.0	0.0	0.0	0.0	0.0
olvi76*	0.0	0.0	0.0	0.0	0.0
olvi77*	0.0	0.0	0.0	0.0	0.0
olvi78*	0.0	0.0	0.0	0.0	0.0
olvi79*	0.0	0.0	0.0	0.0	0.0
olvi80*	0.0	0.0	0.0	0.0	0.0
olvi81*	0.0	0.0	0.0	0.0	0.0
olvi82*	0.0	0.0	0.0	0.0	0.0
olvi83*	0.0	0.0	0.0	0.0	0.0
olvi84*	0.0	0.0	0.0	0.0	0.0
olvi85*	0.0	0.0	0.0	0.0	0.0
olvi86*	0.0	0.0	0.0	0.0	0.0
olvi87*	0.0	0.0	0.0	0.0	0.0
olvi88*	0.0	0.0	0.0	0.0	0.0
olvi89*	0.0	0.0	0.0	0.0	0.0
olvi90*	0.0	0.0	0.0	0.0	0.0
olvi91*	0.0	0.0	0.0	0.0	0.0
olvi92*	0.0	0.0	0.0	0.0	0.0
olvi93*	0.0	0.0	0.0	0.0	0.0
olvi94*	0.0	0.0	0.0	0.0	0.0
olvi95*	0.0	0.0	0.0	0.0	0.0
olvi96*	0.0	0.0	0.0	0.0	0.0
olvi97*	0.0	0.0	0.0	0.0	0.0
olvi98*	0.0	0.0	0.0	0.0	0.0
olvi99*	0.0	0.0	0.0	0.0	0.0
olvi100*	0.0	0.0	0.0	0.0	0.0

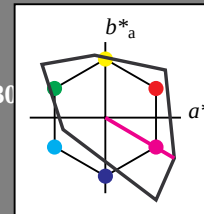
Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

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

1,00



%Umfang

 $u^*_{rel} = 156$

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

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$

1,00

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	-

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

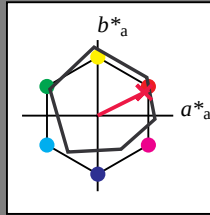
für Buntton $h^* = lab^*h = 26/360 = 0.074$ lab^*tch und lab^*nch

D50: Buntton R

LCH*Ma: 49 76 26

olv*Ma: 1.0 0.0 0.3

Dreiecks-Helligkeit



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

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

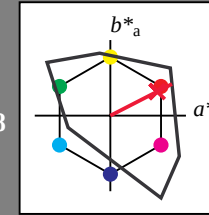
für Buntton $h^* = lab^*h = 27/360 = 0.075$ lab^*tch und lab^*nch

D50: Buntton R

LCH*Ma: 55 92 27

olv*Ma: 1.0 0.0 0.18

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 156$

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

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$

1,00

0,75

 $n^* = 0,00$

0,25

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

QG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 26/360 = 0.074 (links)

5 stufige Reihen für konstanten CIELAB Buntton 27/360 = 0.075 (rechts)

BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

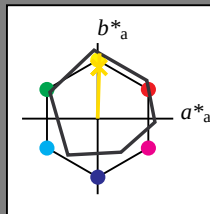
Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



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

%Regularität

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

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

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

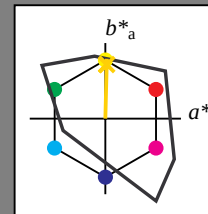
Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

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

lab^*tch und lab^*nch

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

Dreiecks-Helligkeit



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

%Regularität

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

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

BAM-Registrierung: 20060101-QG40/10L/L40G07SP.PS/.PDF BAM-Material: Code=rhatha
Anwendung für Beurteilung und Messung von Drucker- oder Monitorssystemen
/QG40/ Form: 8/10, Serie: 1/1, Seite: 8
Scheinung 8

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

relative Buntheit c^*

QG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 88/360 = 0.245 (links)

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

BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$

D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

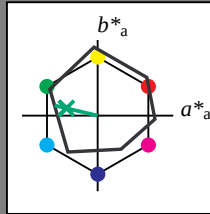
für Buntton $h^* = lab^*h = 167/360 = 0.463$ lab^*tch und lab^*nch

D50: Buntton G

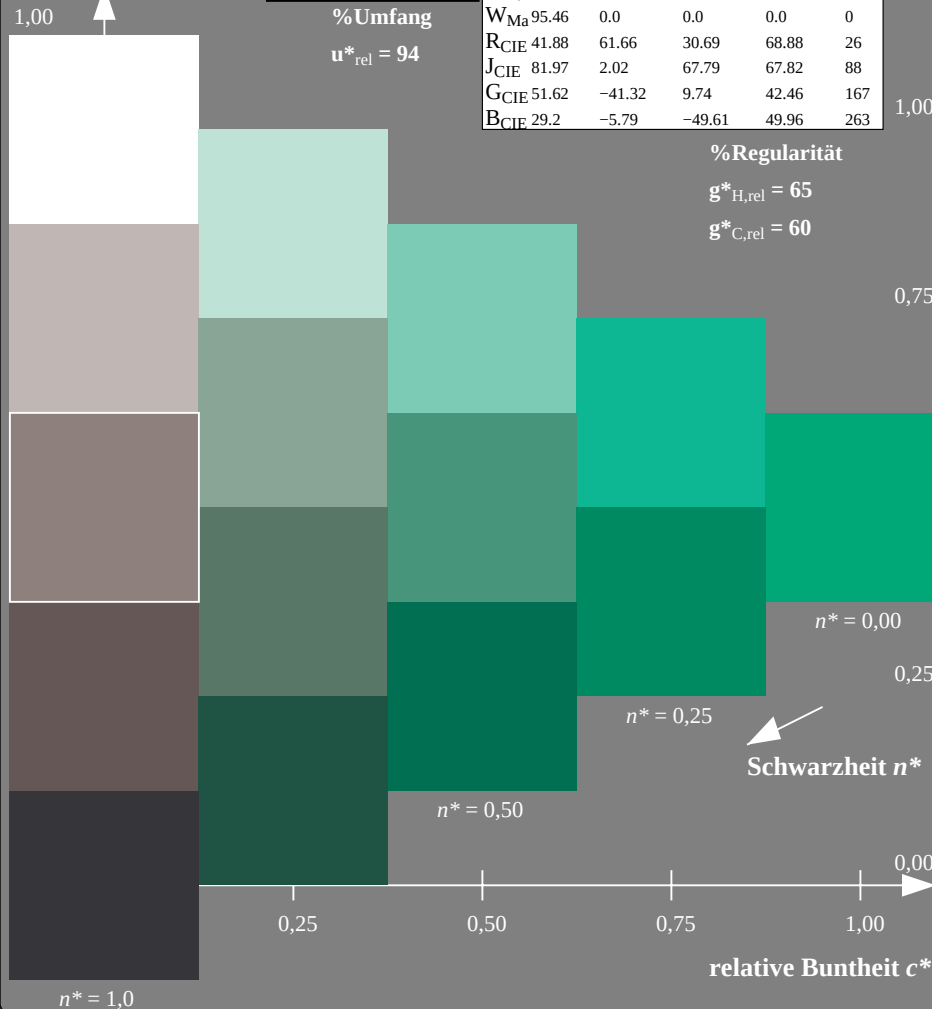
LCH*Ma: 52 59 167

olv*Ma: 0.0 1.0 0.26

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 94$ 

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$ Schwarzheit n^* relative Buntheit c^*

QG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 167/360 = 0.463 (links)

BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & ORS18input: *cmY0* setcmykcolor*D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

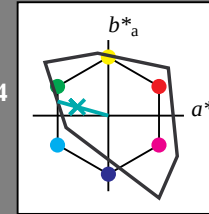
für Buntton $h^* = lab^*h = 164/360 = 0.457$ lab^*tch und lab^*nch

D50: Buntton G

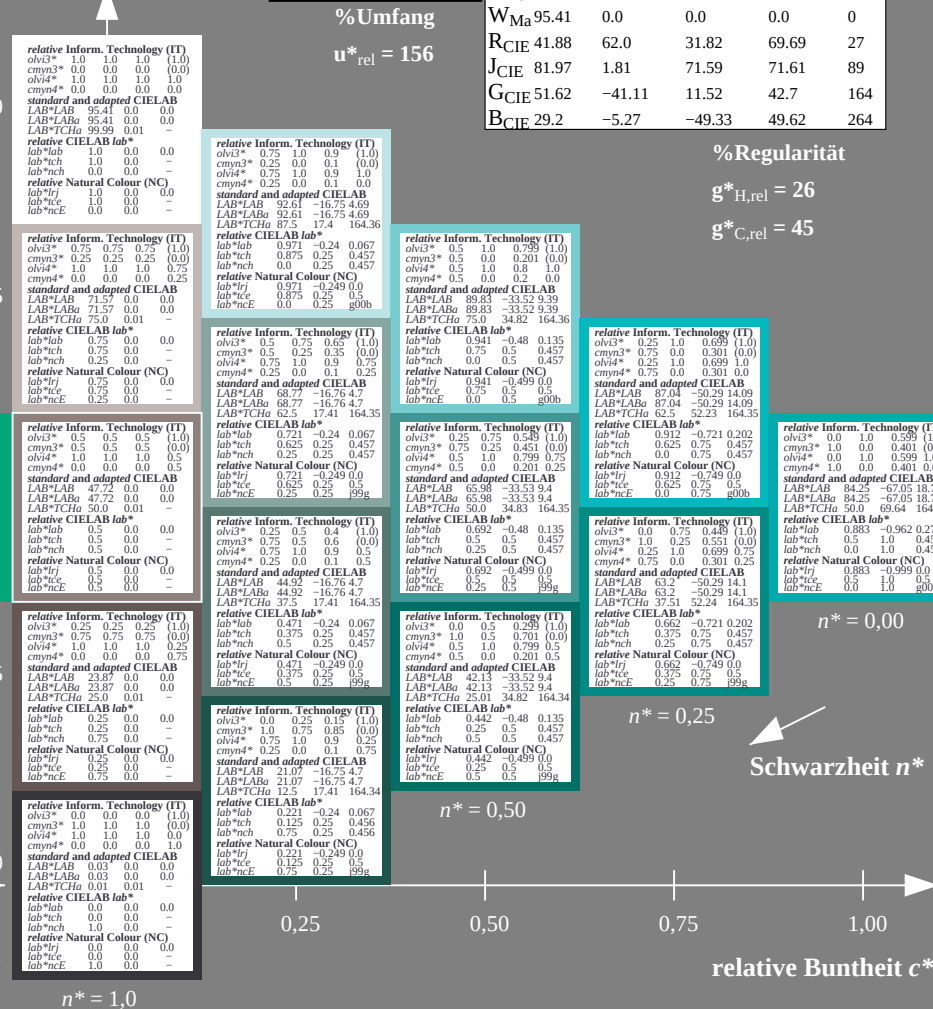
LCH*Ma: 84 70 164

olv*Ma: 0.0 1.0 0.6

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 156$ 

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$ Schwarzheit n^* relative Buntheit c^*

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

Eingabe: Farbmatisches Offset-Reflektiv-System ORS18

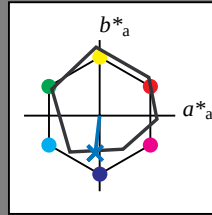
für Buntton $h^* = lab^*h = 263/360 = 0.731$ lab^*tch und lab^*nch

D50: Buntton B

LCH*Ma: 42 47 263

olv*Ma: 0.0 0.52 1.0

Dreiecks-Helligkeit



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

%Regularität

 $g^*_{H,rel} = 65$ $g^*_{C,rel} = 60$

1,00

0,75

 $n^* = 0,00$

0,25

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

Ausgabe: Farbmatisches Fernseh-Licht-System TLS00

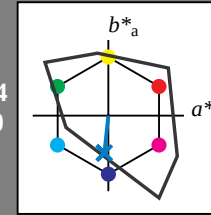
für Buntton $h^* = lab^*h = 264/360 = 0.733$ lab^*tch und lab^*nch

D50: Buntton B

LCH*Ma: 61 54 264

olv*Ma: 0.0 0.59 1.0

Dreiecks-Helligkeit



%Umfang

 $u^*_{rel} = 156$

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

%Regularität

 $g^*_{H,rel} = 26$ $g^*_{C,rel} = 45$ $n^* = 0,00$ $n^* = 0,25$ $n^* = 0,50$ relative Buntheit c^*

QG400-7, 5 stufige Reihen für konstanten CIELAB Buntton 263/360 = 0.731 (links)

5 stufige Reihen für konstanten CIELAB Buntton 264/360 = 0.733 (rechts)

BAM-Prüfvorlage QG40; Farbmatrik-Systeme ORS18 & ORS18input: $cmY0^* setcmykcolor$ D50: 5stufige Farbreihen und Koordinatendaten für 10 Bunttöne output: *Startup (S) data dependend*