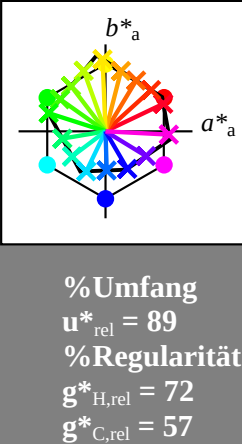
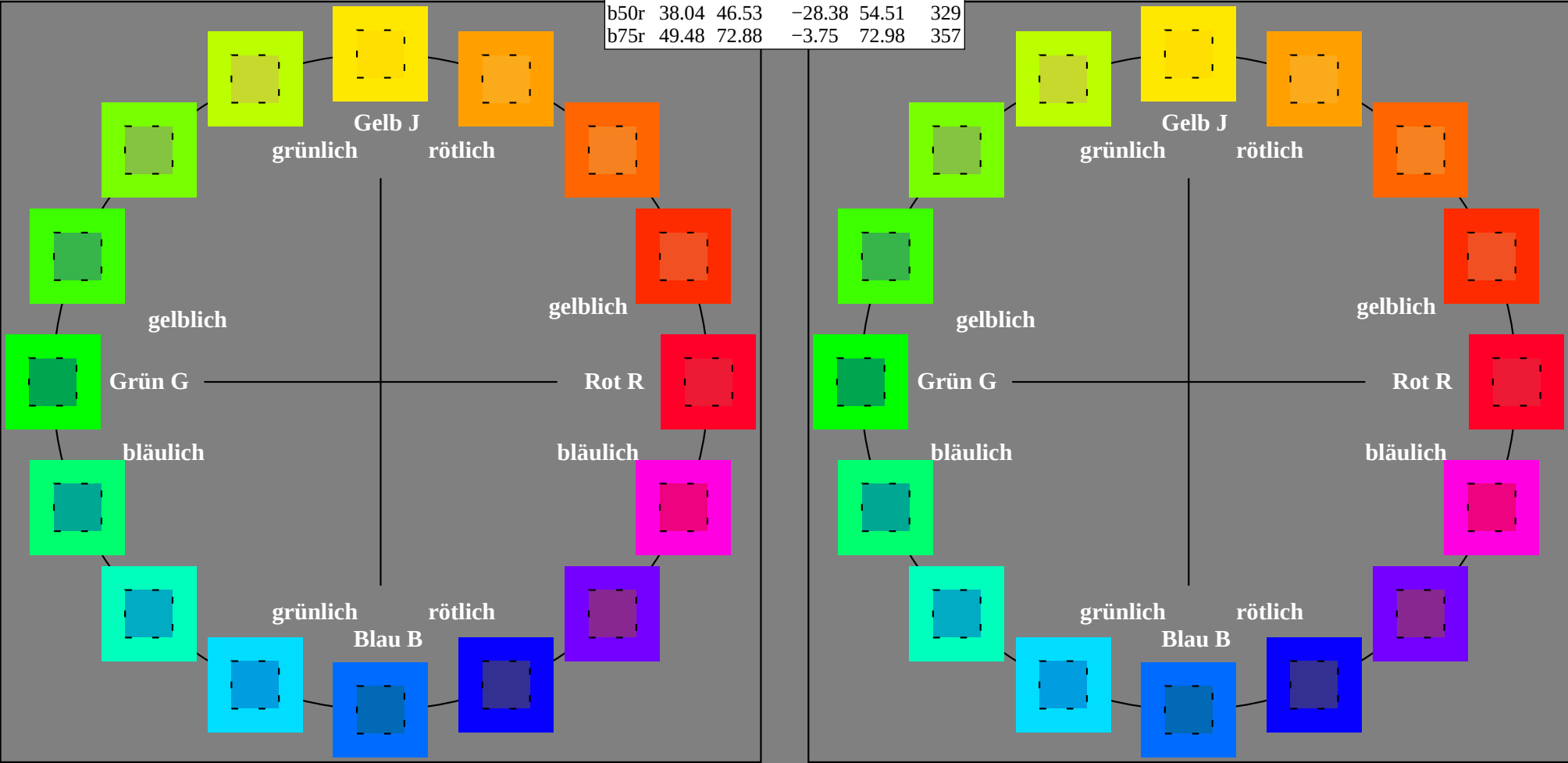


Ein und Ausgabe:
Farbmetrisches Drucker-Reflektiv-System ORS19_96a
Daten für jede Farbe:
lab*tch* und lab*icu*
Elementar-Buntontext:
u* = 16 Bunttöne r00j, r25j, ..., b75r
Kontrastreduzierungsfaktor:
c_R = 1.0

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

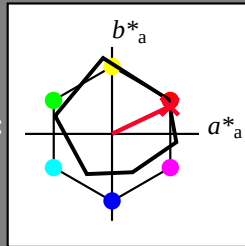


$$u^* = r00j$$

*lab*tch** und *lab*icu**

$$u^* = r00j$$
$$c_R = 1.0$$

Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

LAB*LAB*_{Ma}: 49 66 32

LAB*LCH*Ma: 49 74 25

lab*rgb*_Ma: 1.0 0.0 0.0

lab*olv*_Ma: 1.0 0.0 0.16

Dreiecks-Helligkeit t^*

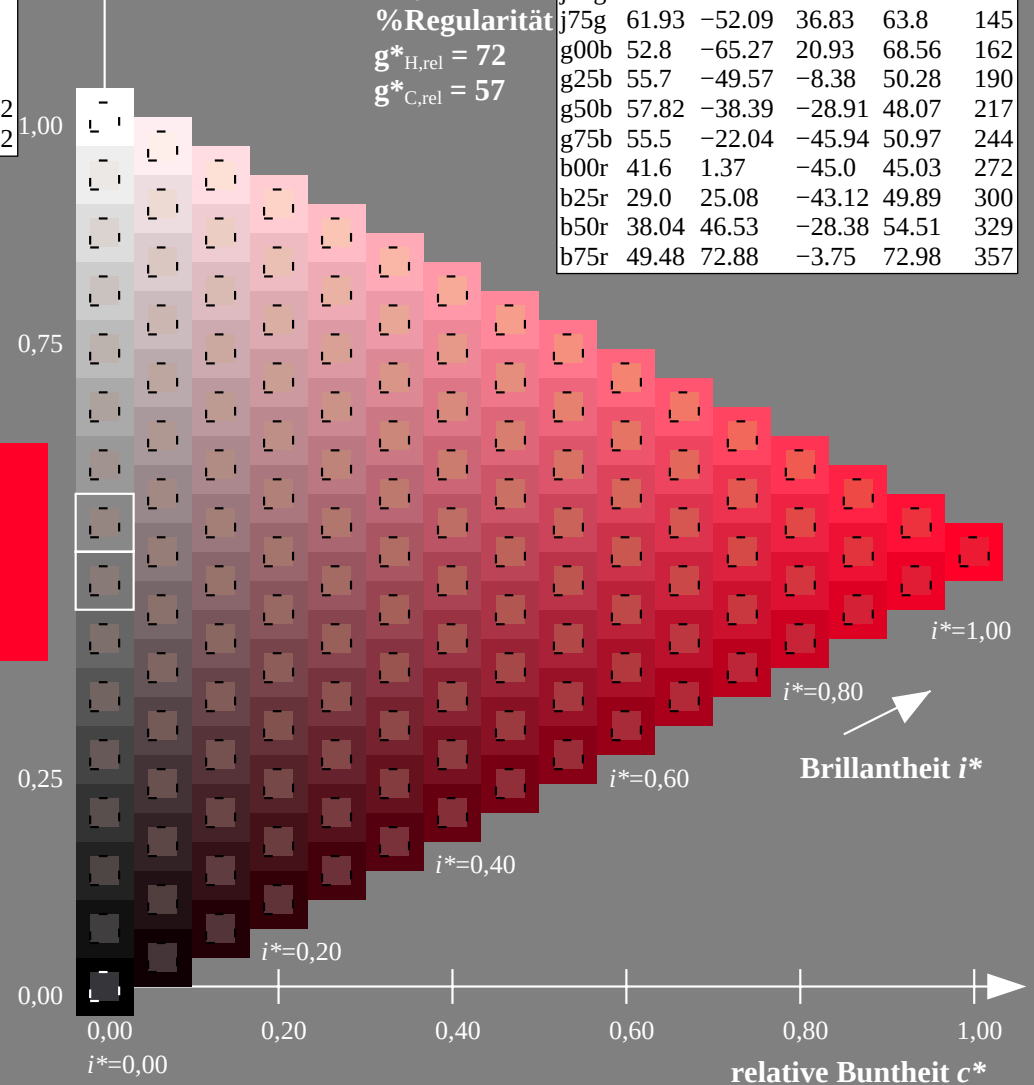
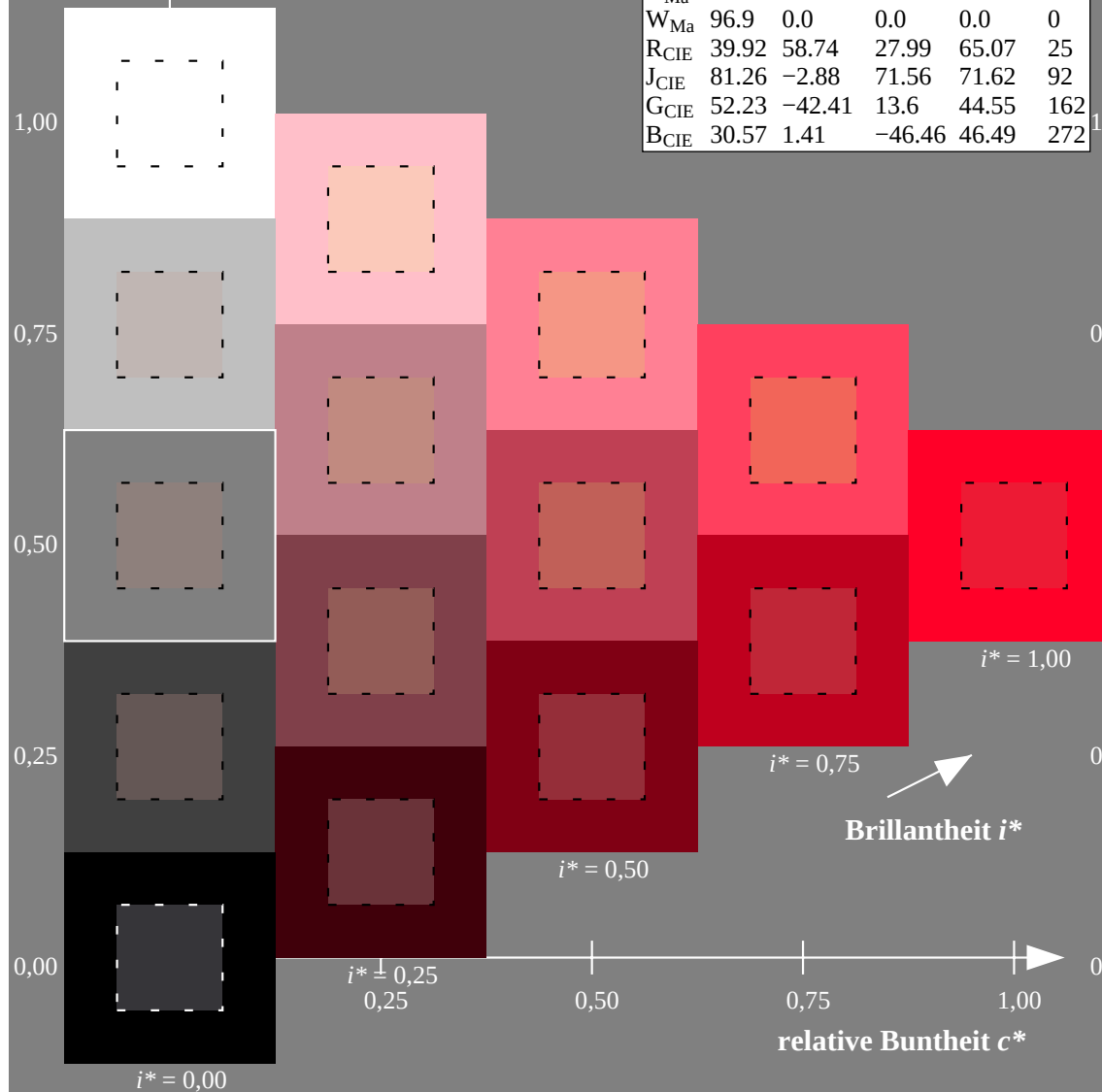
%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



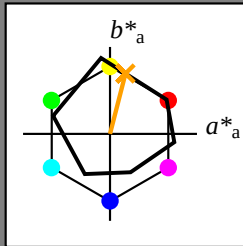
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$$u^* = r75j$$

lab*tch* und lab*icu*

$$u^* = r75j$$
$$c_R = 1.0$$

Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

LAB*LAB*_{Ma}: 75 18 69

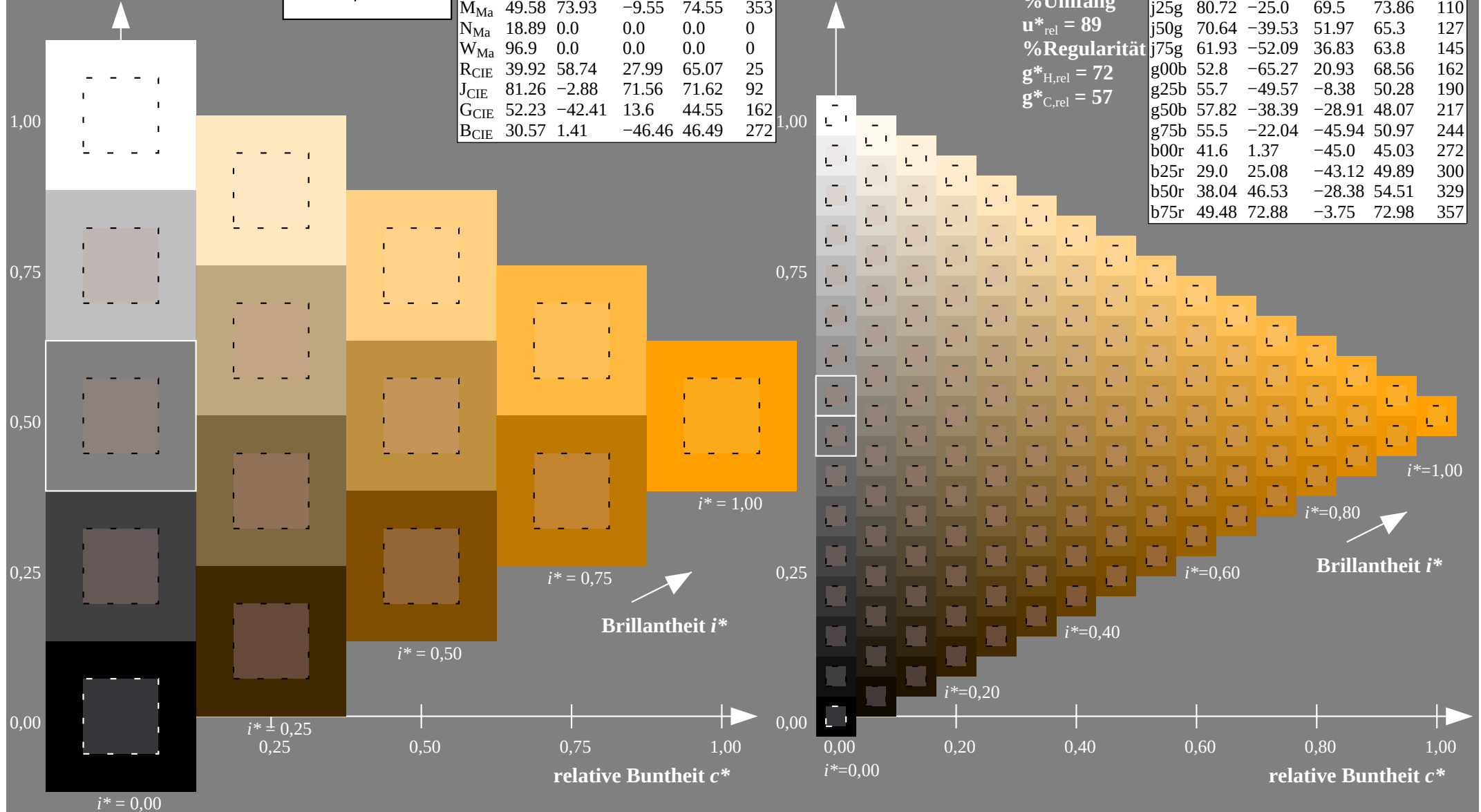
LAB*LCH*Ma: 75 72 76

lab*rgb_{Ma}: 1.0 0.75 0.0

***lab*olv**_{Ma}: 1.0 0.63 0.0**

Dreiecks-Helligkeit t^*

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
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r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357

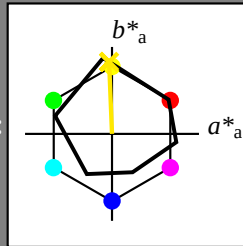


$$u^* = j00g$$

*lab*tch** und *lab*icu**

$$u^* = j00g$$
 $c_R = 1.0$

Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

LAB*LAB*_{Ma}: 87 -2 83

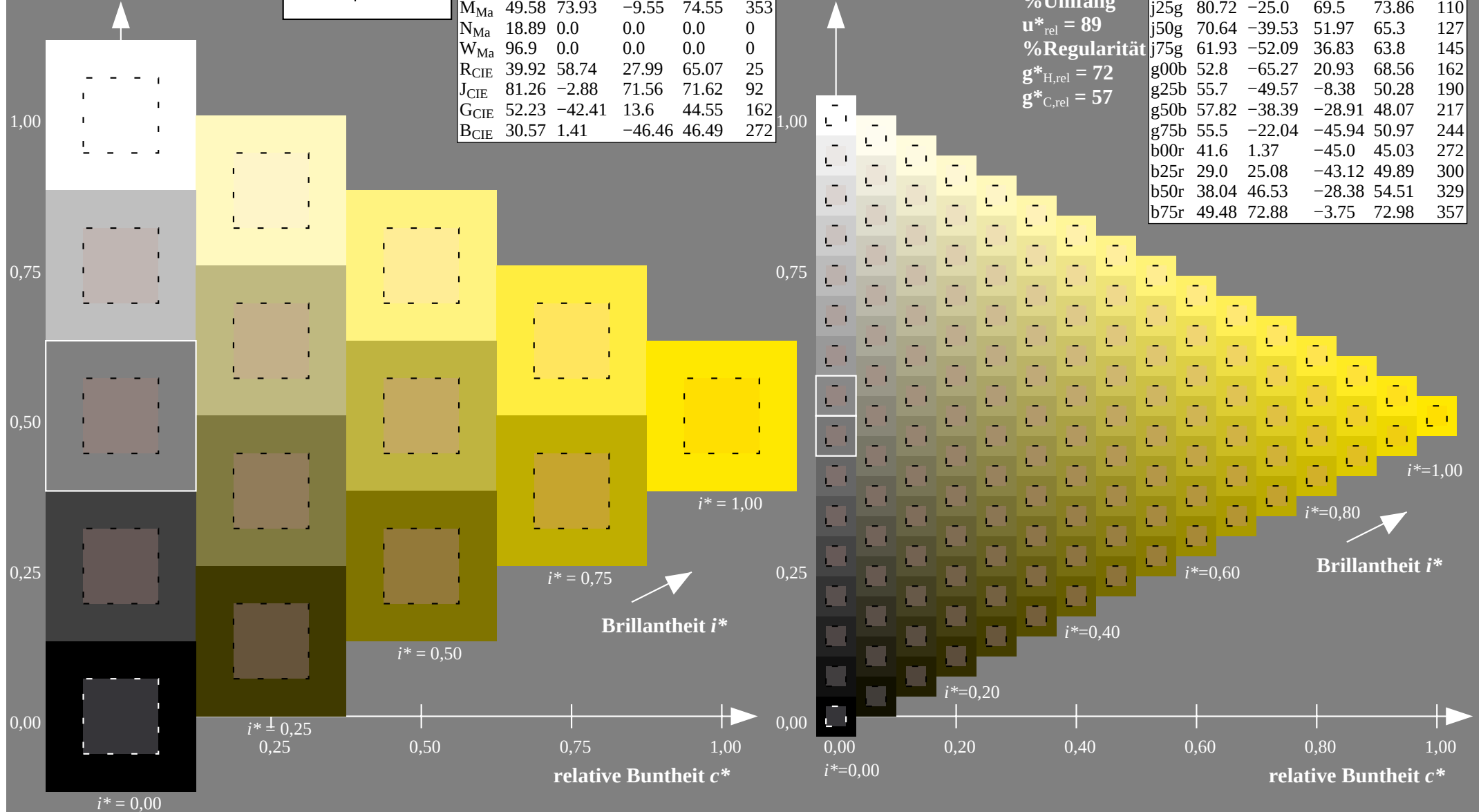
LAB*LCH*Ma: 87 83 92

lab*rgb*_Ma: 1.0 1.0 0.0

***lab*olv**_{Ma}: 1.0 0.91 0.0**

Dreiecks-Helligkeit t^*

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
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r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
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b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



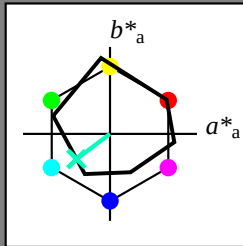
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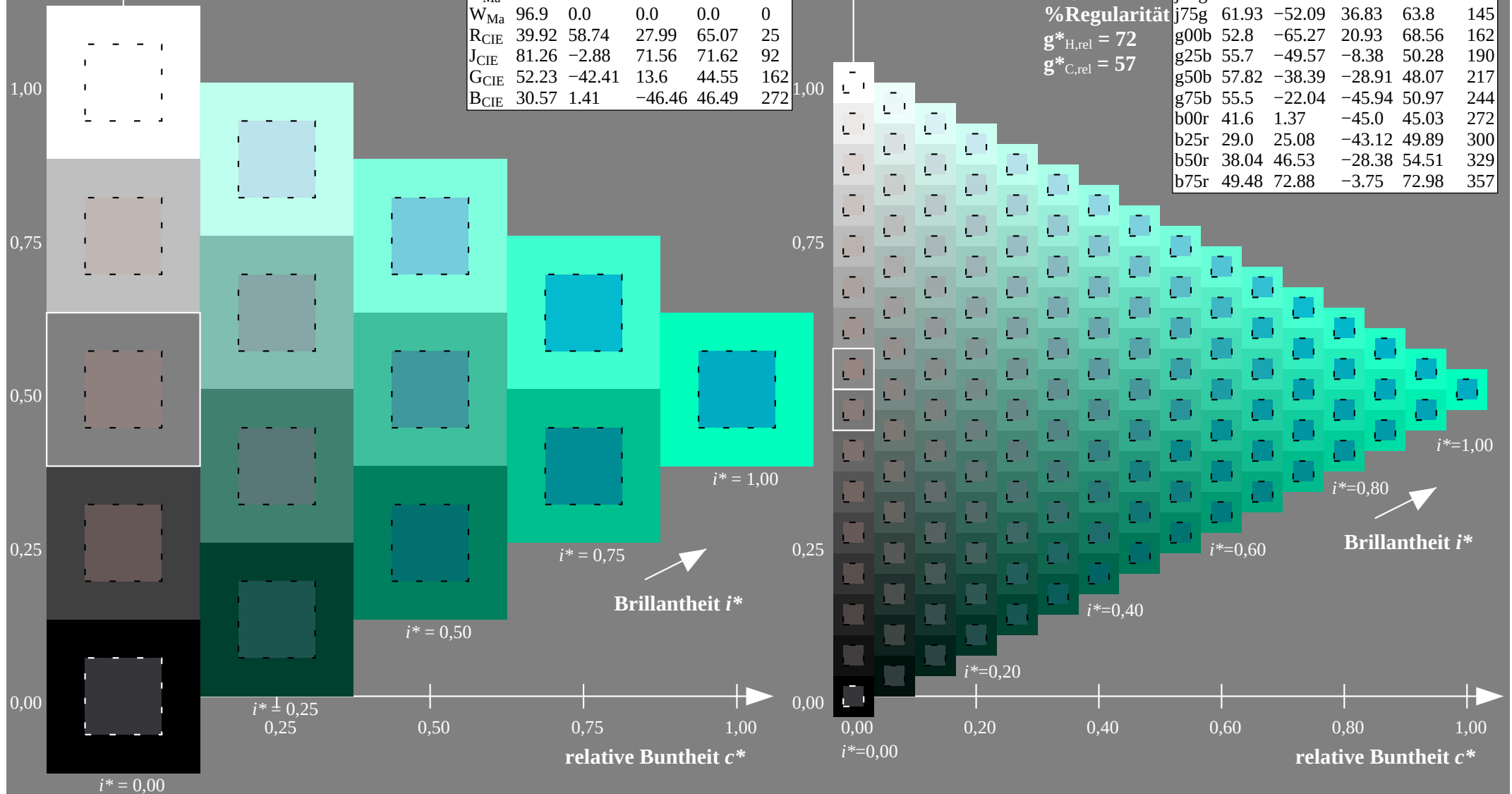
Dreiecks-Helligkeit t^*



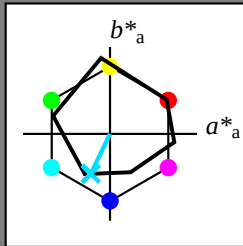
ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

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	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
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b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



Dreiecks-Helligkeit t^*

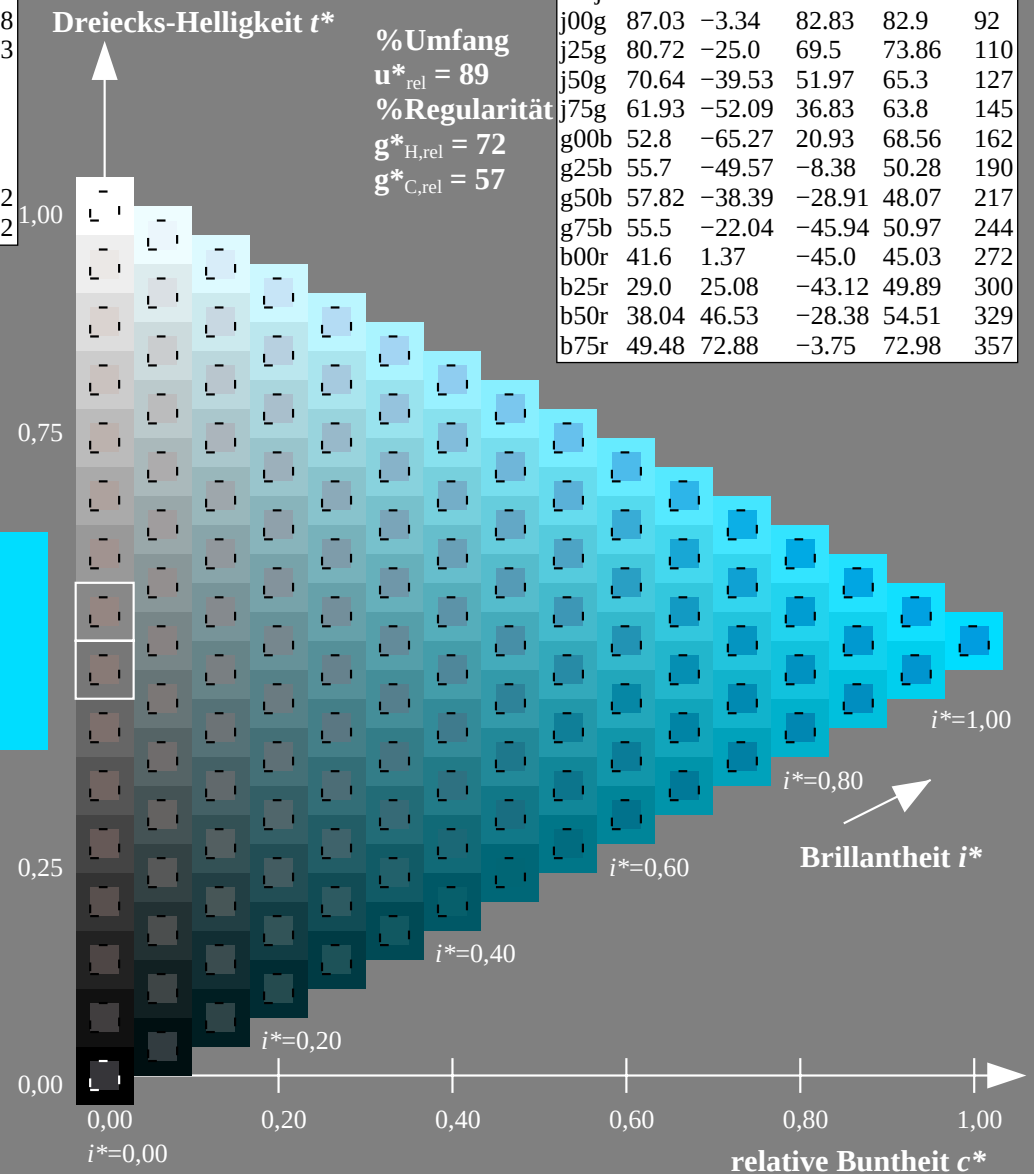
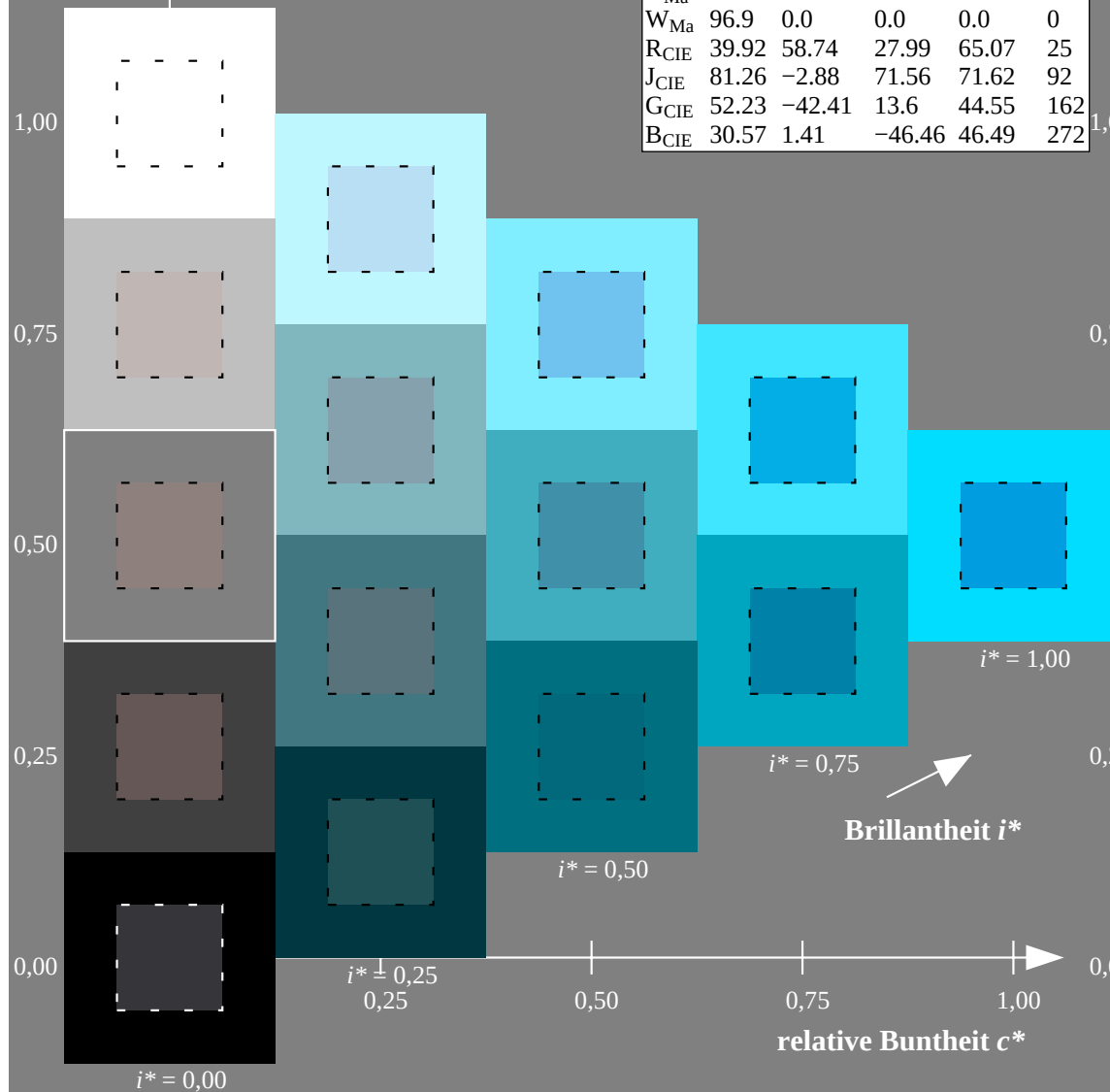


ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

lab*olv*_{Ma}: 0.0 0.87 1.0

Dreiecks-Helligkeit t^*

ORS19_96a; adaptierte CIELAB-Daten						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	48.88	66.47	31.67	73.63	25	
r25j	55.85	52.39	47.48	70.7	42	
r50j	65.45	35.22	58.37	68.17	59	
r75j	75.19	17.82	69.41	71.66	76	
j00g	87.03	-3.34	82.83	82.9	92	
j25g	80.72	-25.0	69.5	73.86	110	
j50g	70.64	-39.53	51.97	65.3	127	
j75g	61.93	-52.09	36.83	63.8	145	
g00b	52.8	-65.27	20.93	68.56	162	
g25b	55.7	-49.57	-8.38	50.28	190	
g50b	57.82	-38.39	-28.91	48.07	217	
g75b	55.5	-22.04	-45.94	50.97	244	
b00r	41.6	1.37	-45.0	45.03	272	
b25r	29.0	25.08	-43.12	49.89	300	
b50r	38.04	46.53	-28.38	54.51	329	
b75r	49.48	72.88	-3.75	72.98	357	



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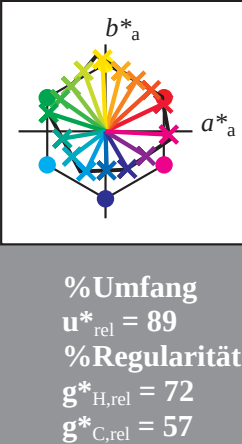
ORS19_96a; adaptierte CIELAB-Daten						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	48.88	66.47	31.67	73.63		25
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j00g	87.03	-3.34	82.83	82.9		92
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j50g	70.64	-39.53	51.97	65.3		127
j75g	61.93	-52.09	36.83	63.8		145
g00b	52.8	-65.27	20.93	68.56		162
g25b	55.7	-49.57	-8.38	50.28		190
g50b	57.82	-38.39	-28.91	48.07		217
g75b	55.5	-22.04	-45.94	50.97		244
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b25r	29.0	25.08	-43.12	49.89		300
b50r	38.04	46.53	-28.38	54.51		329
b75r	49.48	72.88	-3.75	72.98		357

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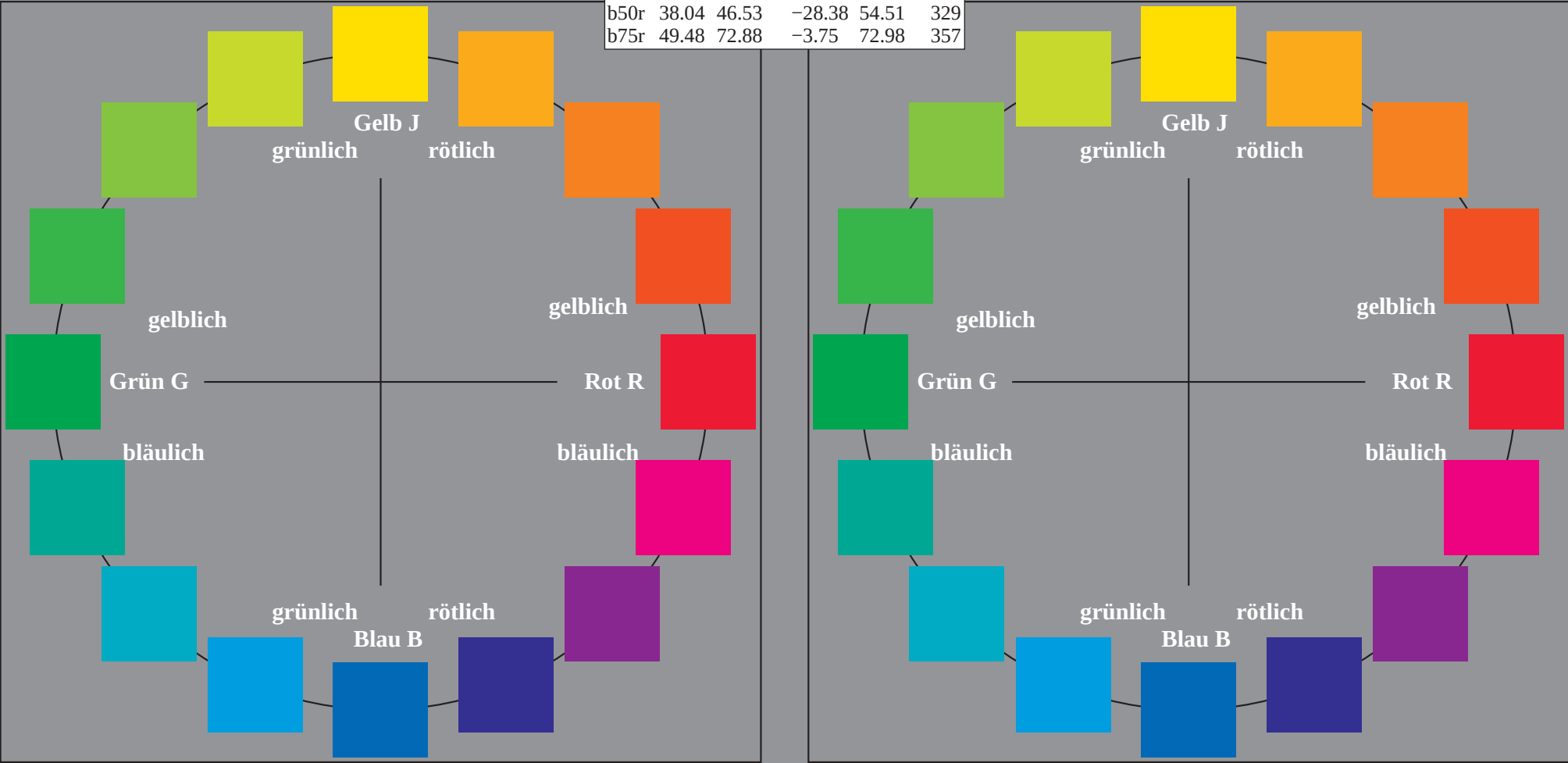
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k						
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Ein und Ausgabe:
Farbmetrisches Drucker-Reflektiv-System ORS19_96a
Daten für jede Farbe:
lab*tch* und lab*icu*
Elementar-Bunttontext:
u* = 16 Buntttöne r00j, r25j, ..., b75r
Kontrastreduzierungsfaktor:
c_R = 1.0

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
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g25b	55.7	-49.57	-8.38	50.28	190
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b25r	29.0	25.08	-43.12	49.89	300
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b75r	49.48	72.88	-3.75	72.98	357



ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

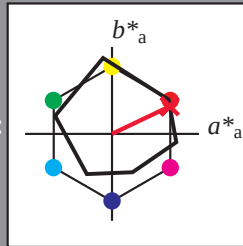


$$u^* = r00j$$

*lab*tch** und *lab*icu**

$$u^* = r00j$$
 $c_R = 1.0$

Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten					
	L^*_{a}	a^*_{a}	b^*_{a}	$C^*_{\text{ab,a}}$	$h^*_{\text{ab,a}}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

***LAB*LAB*_{Ma}: 49 66 32**

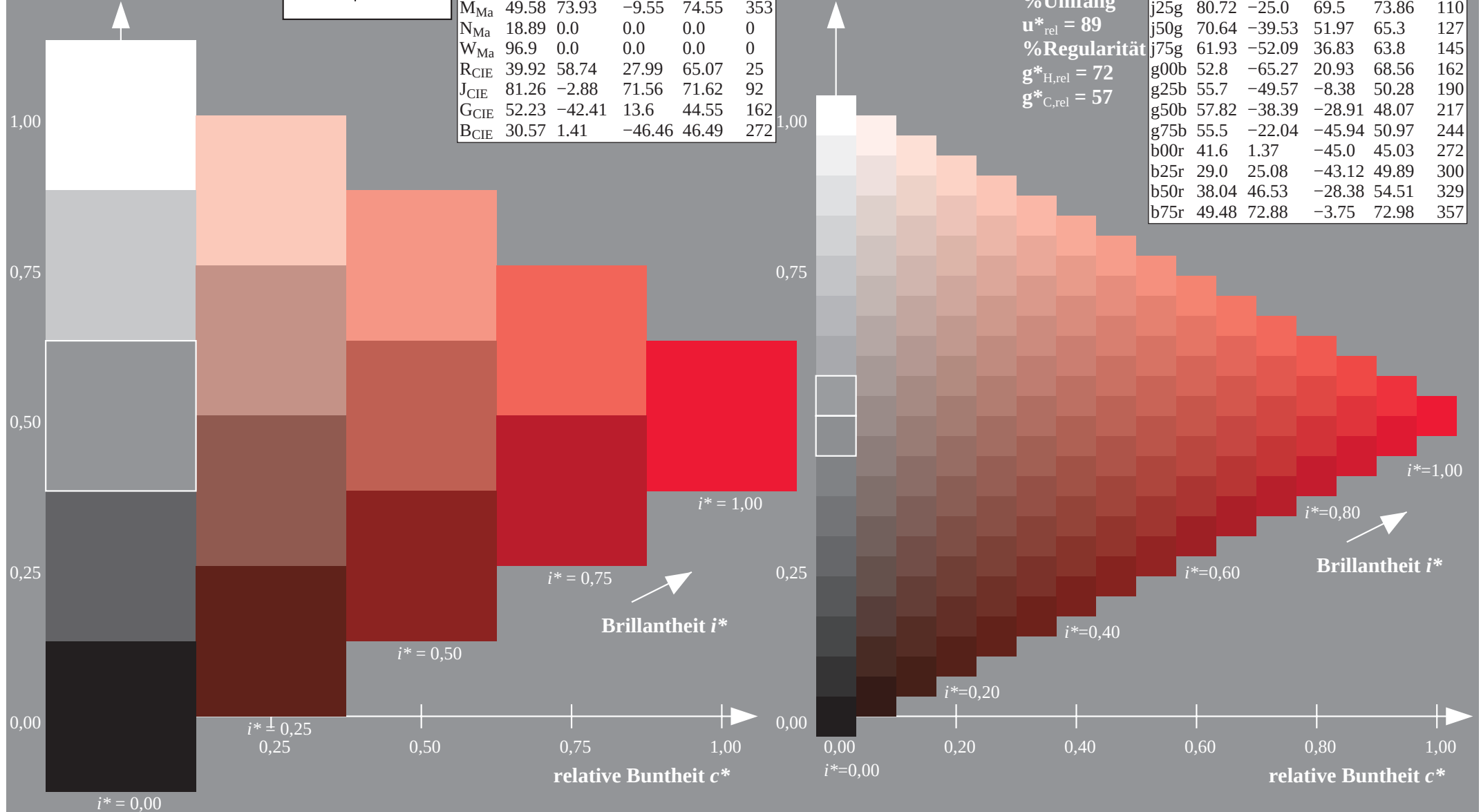
LAB*LCH*Ma: 49 74 25

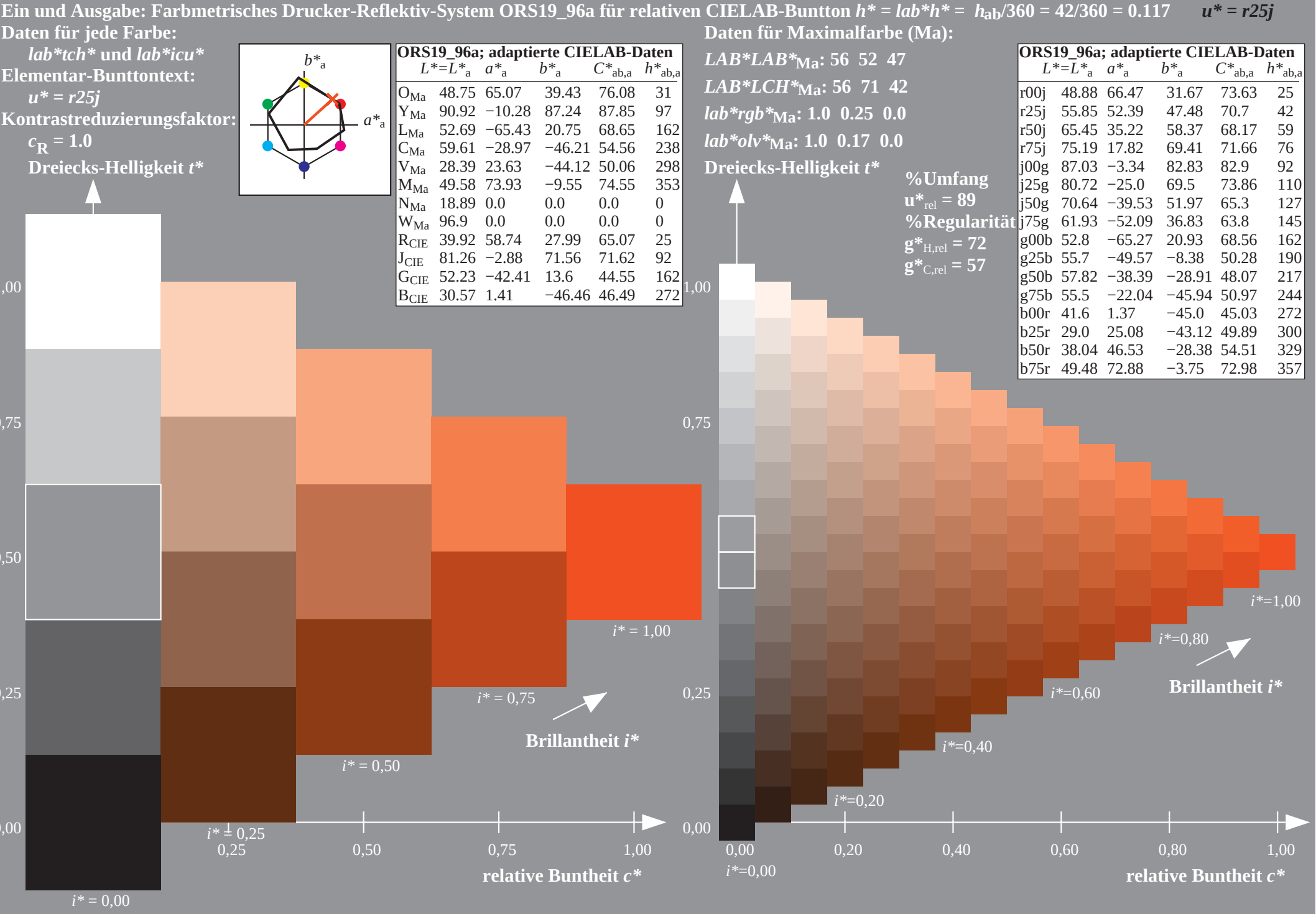
lab*rgb*_Ma: 1.0 0.0 0.0

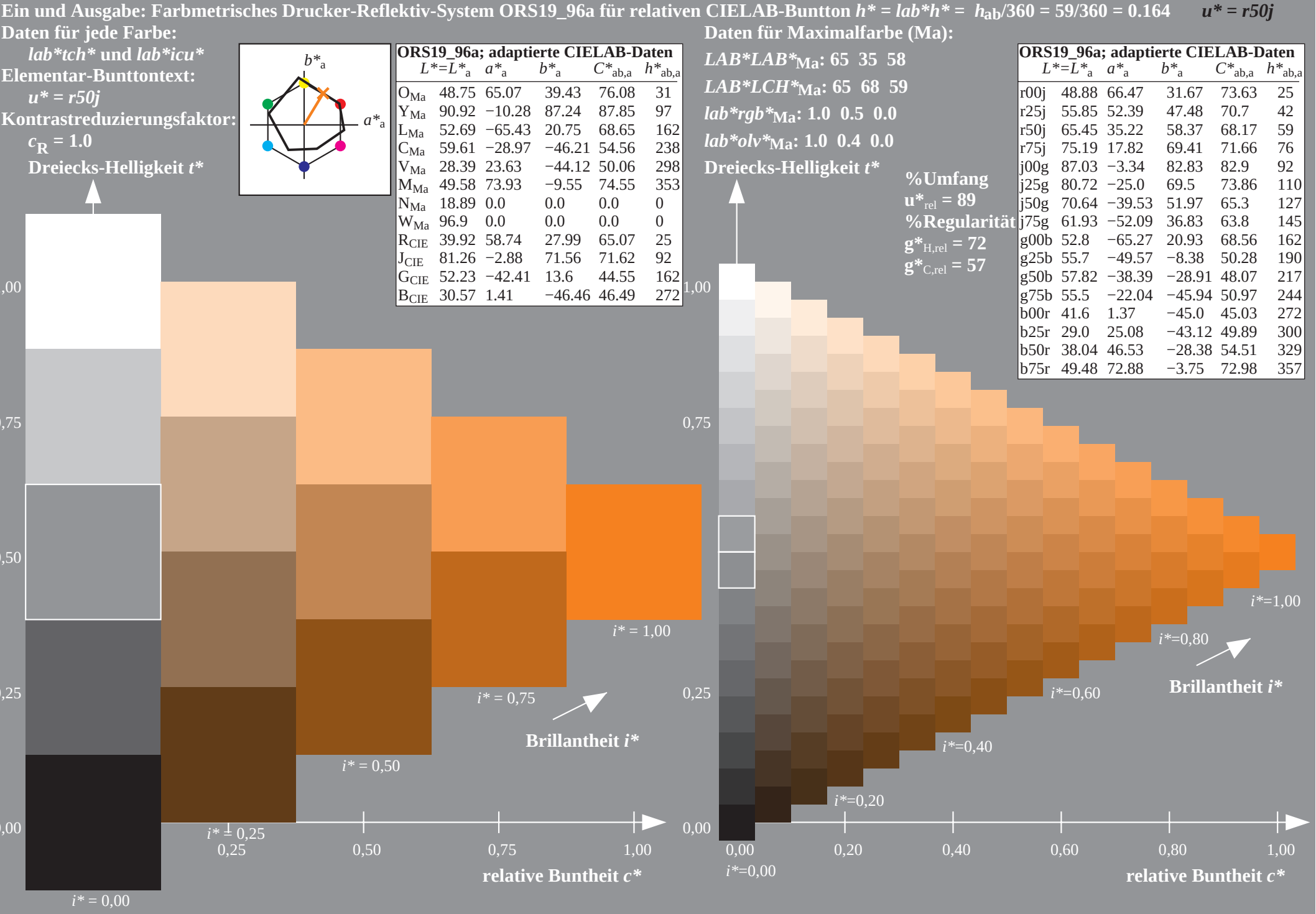
lab*olv*_Ma: 1.0 0.0 0.16

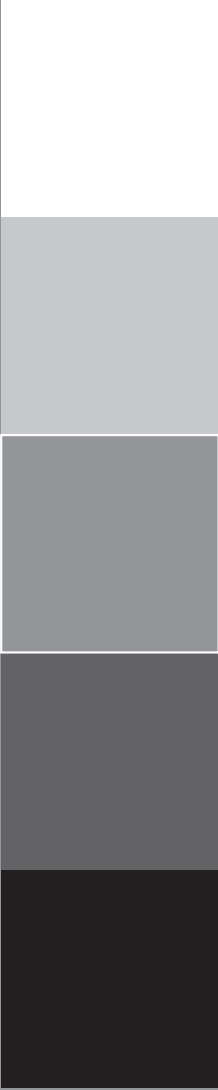
Dreiecks-Helligkeit t^*

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357

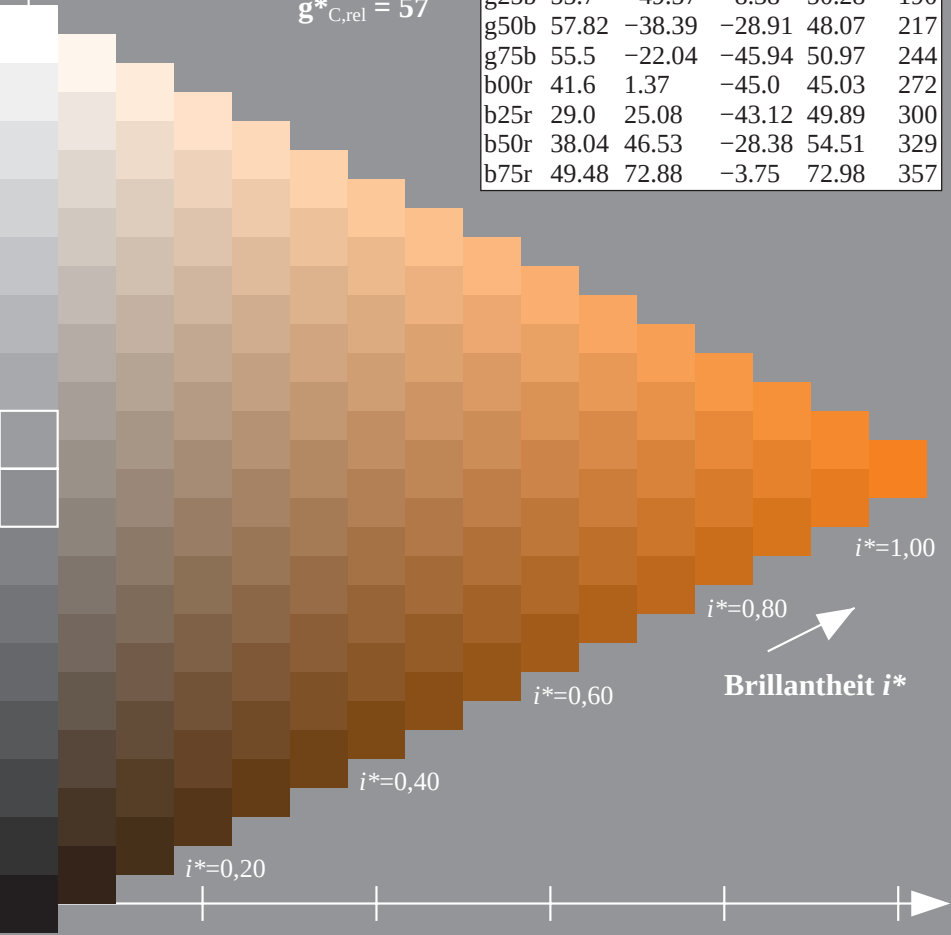








$i^* = 0,00$
 $i^* \pm 0,25$
0,25
0,50
0,75
1,00

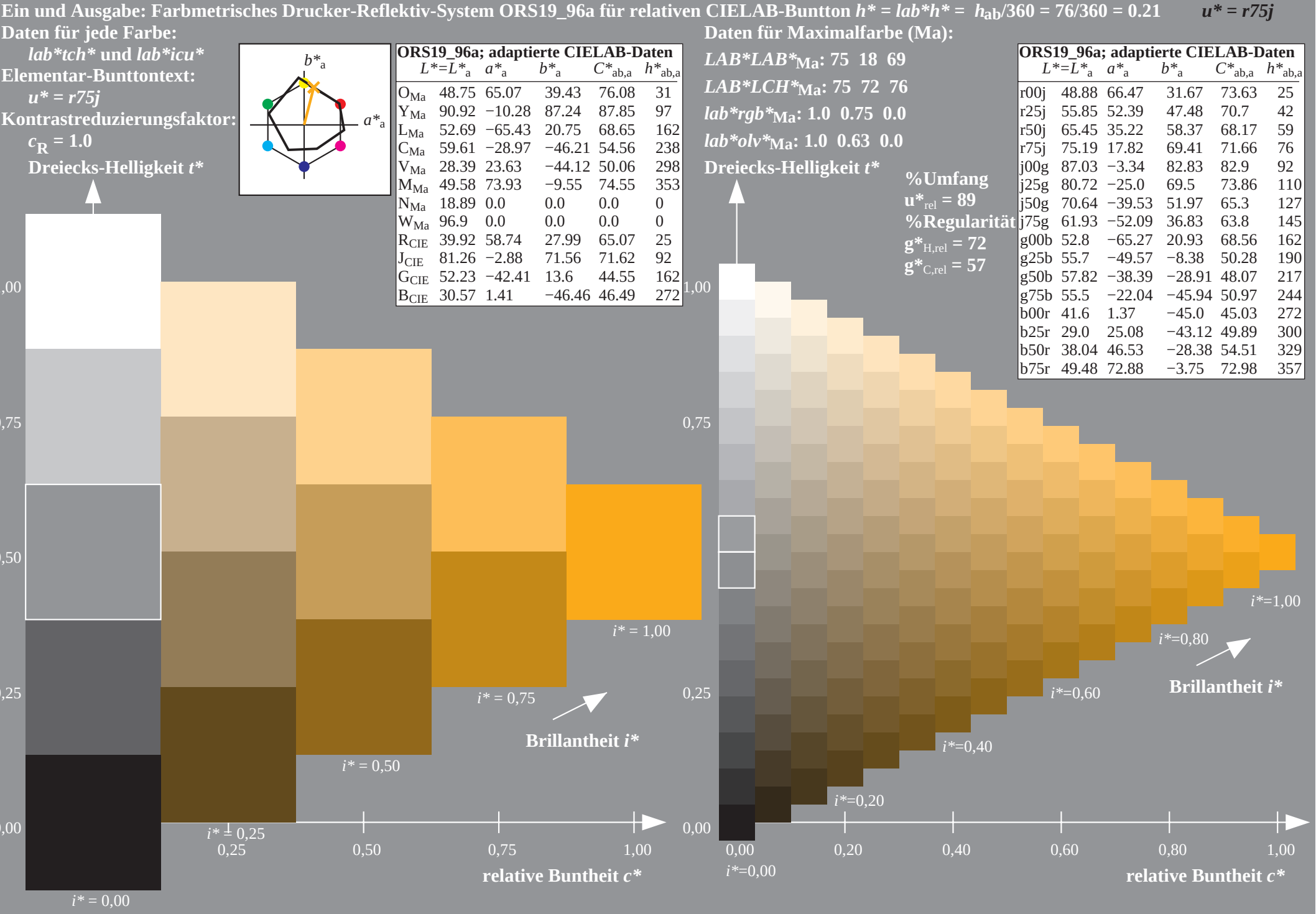


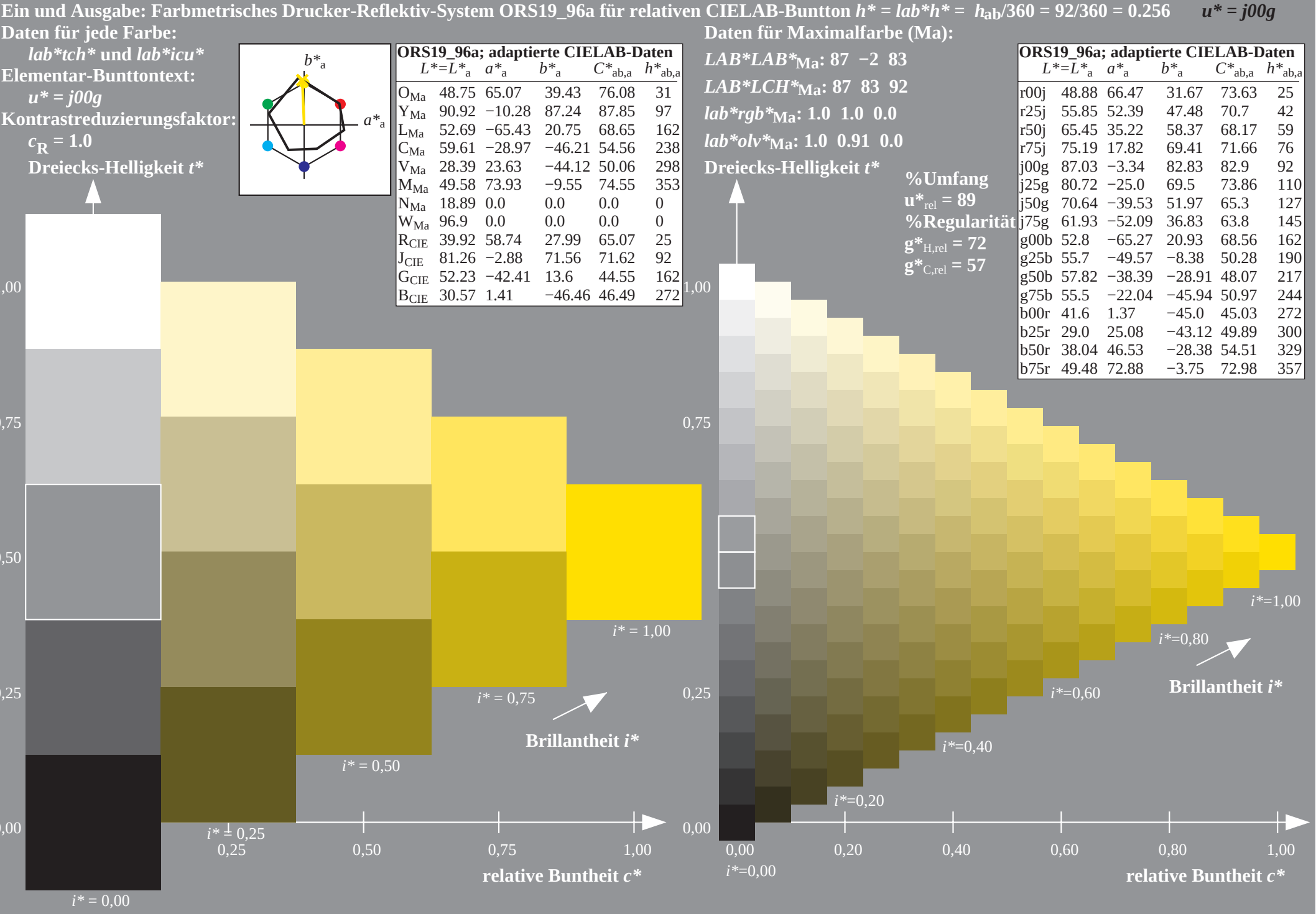
$i^* = 0,00$
 $i^* = 0,20$
 $i^* = 0,40$
 $i^* = 0,60$
 $i^* = 0,80$
 $i^* = 1,00$

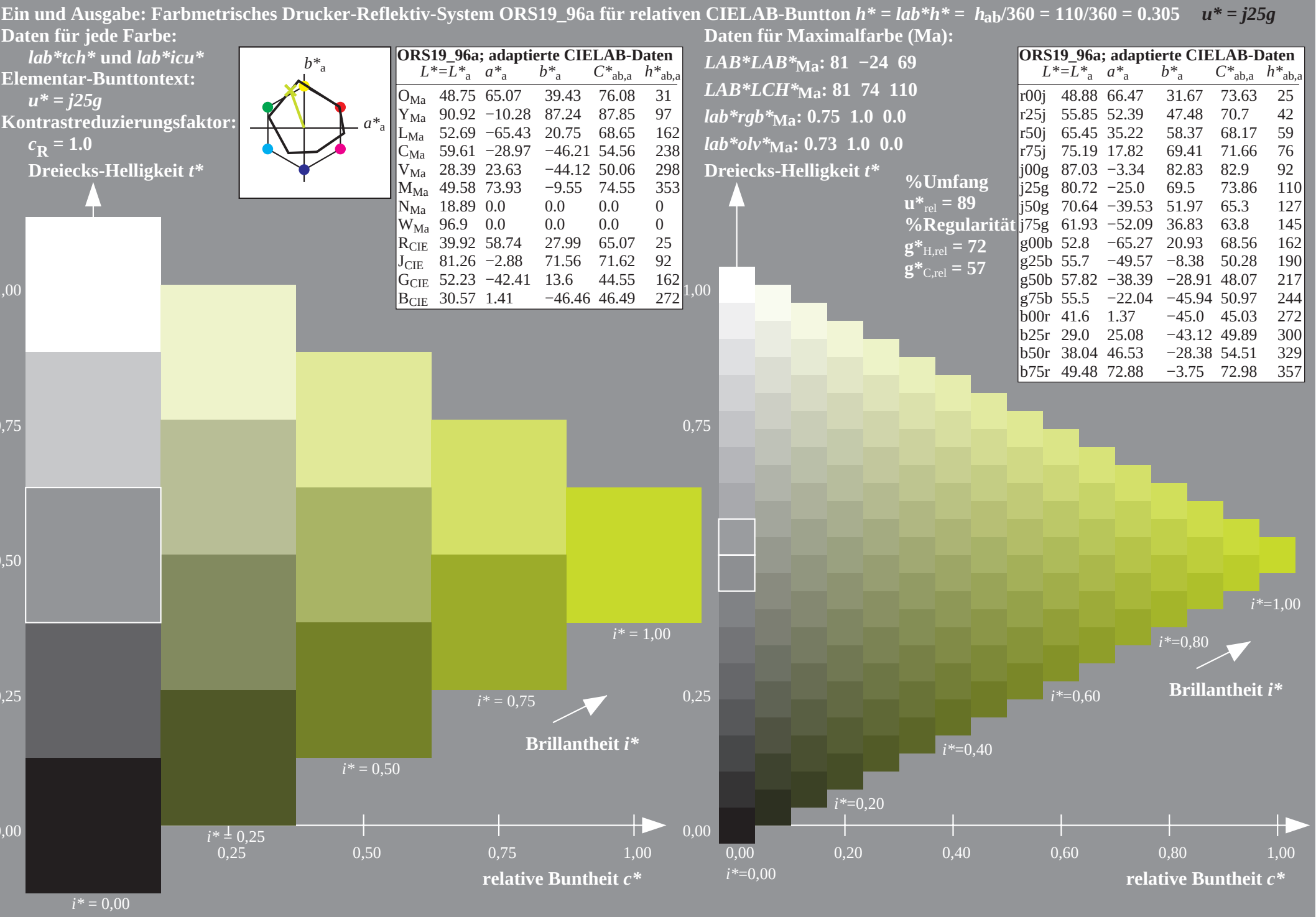
relative Buntheit c^*

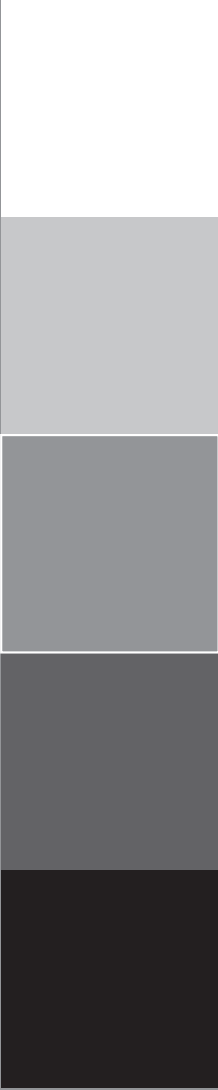
Brillantheit i^*

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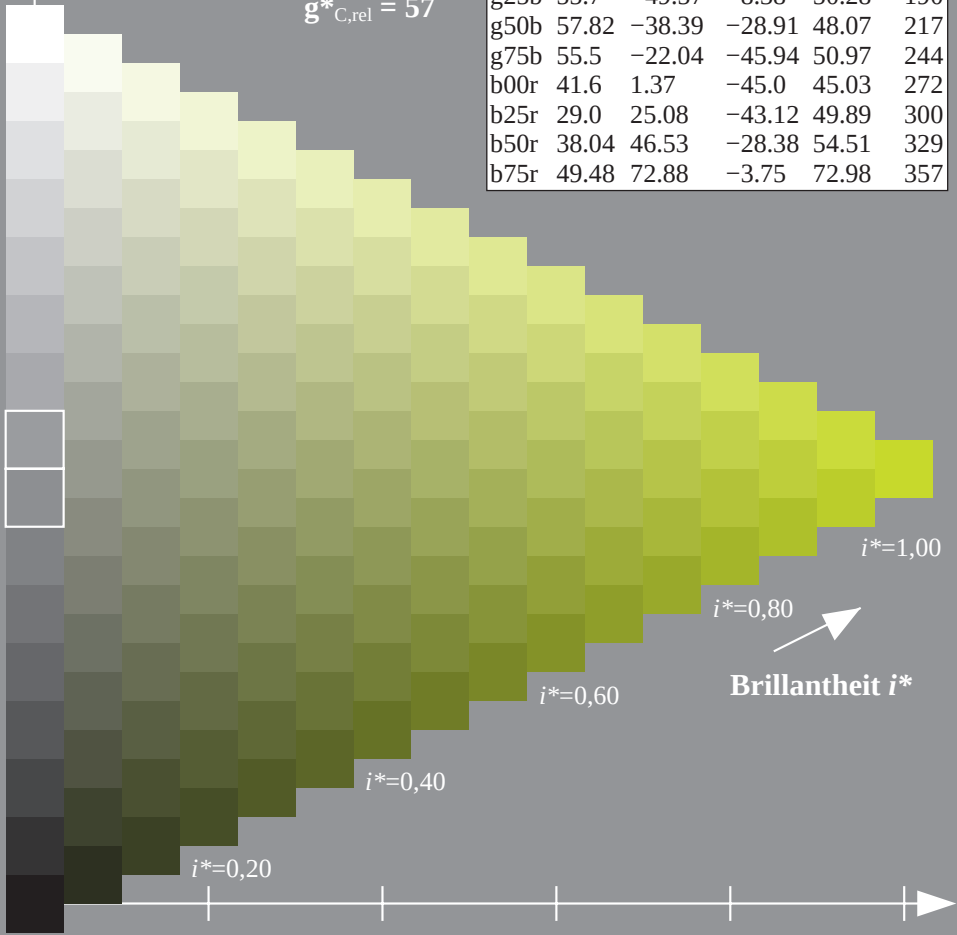








$i^* = 0,00$
 $i^* \pm 0,25$
0,25
0,50
0,75
1,00



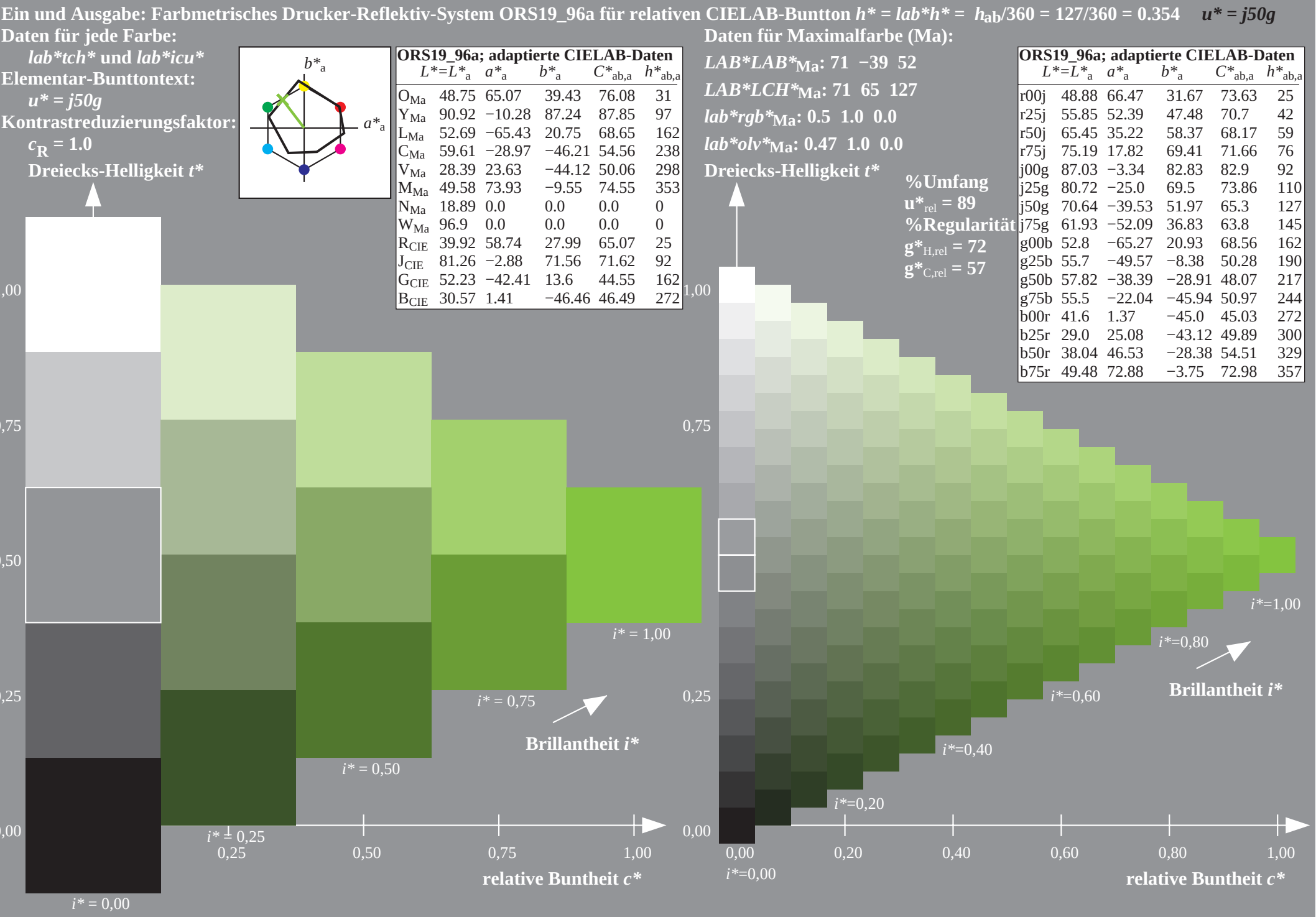
$i^* = 0,00$
 $i^* = 0,20$
 $i^* = 0,40$
 $i^* = 0,60$
 $i^* = 0,80$
 $i^* = 1,00$

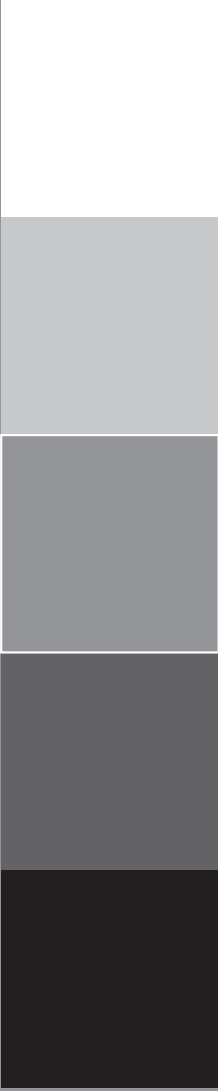
relative Buntheit c^*

relative Buntheit c^*

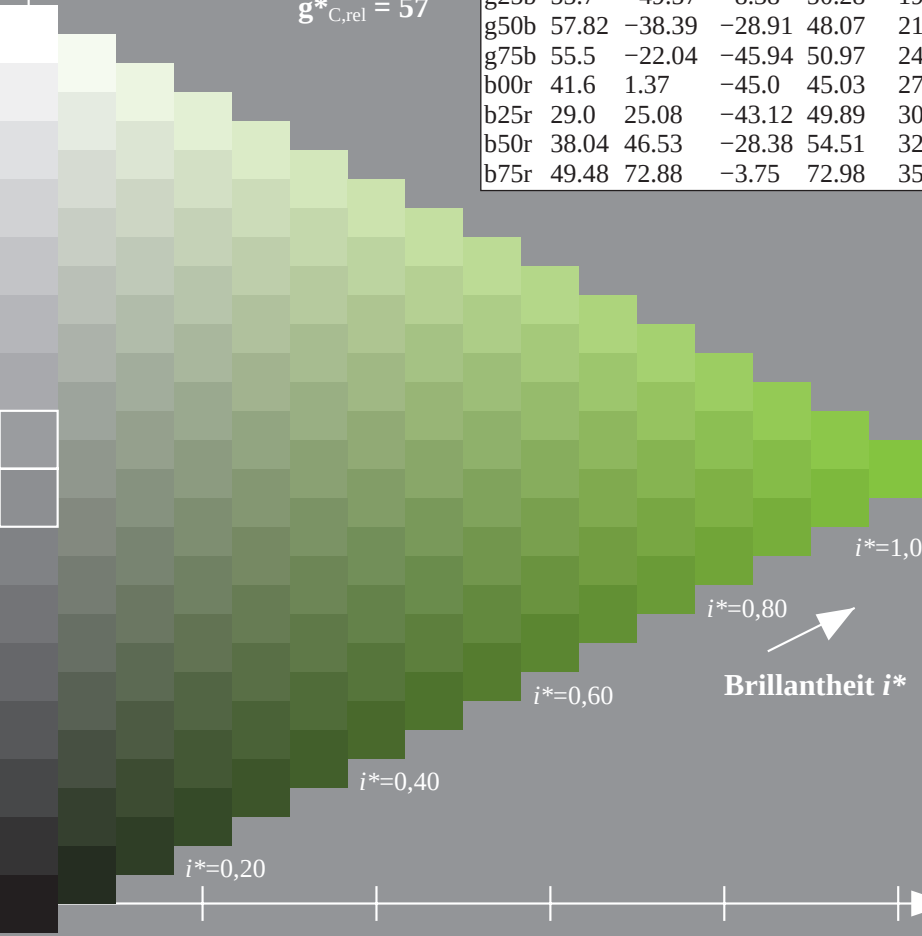
Brillantheit i^*

Brillantheit i^*





$i^* = 0,00$
 $i^* \pm 0,25$
0,25
0,50
0,75
1,00

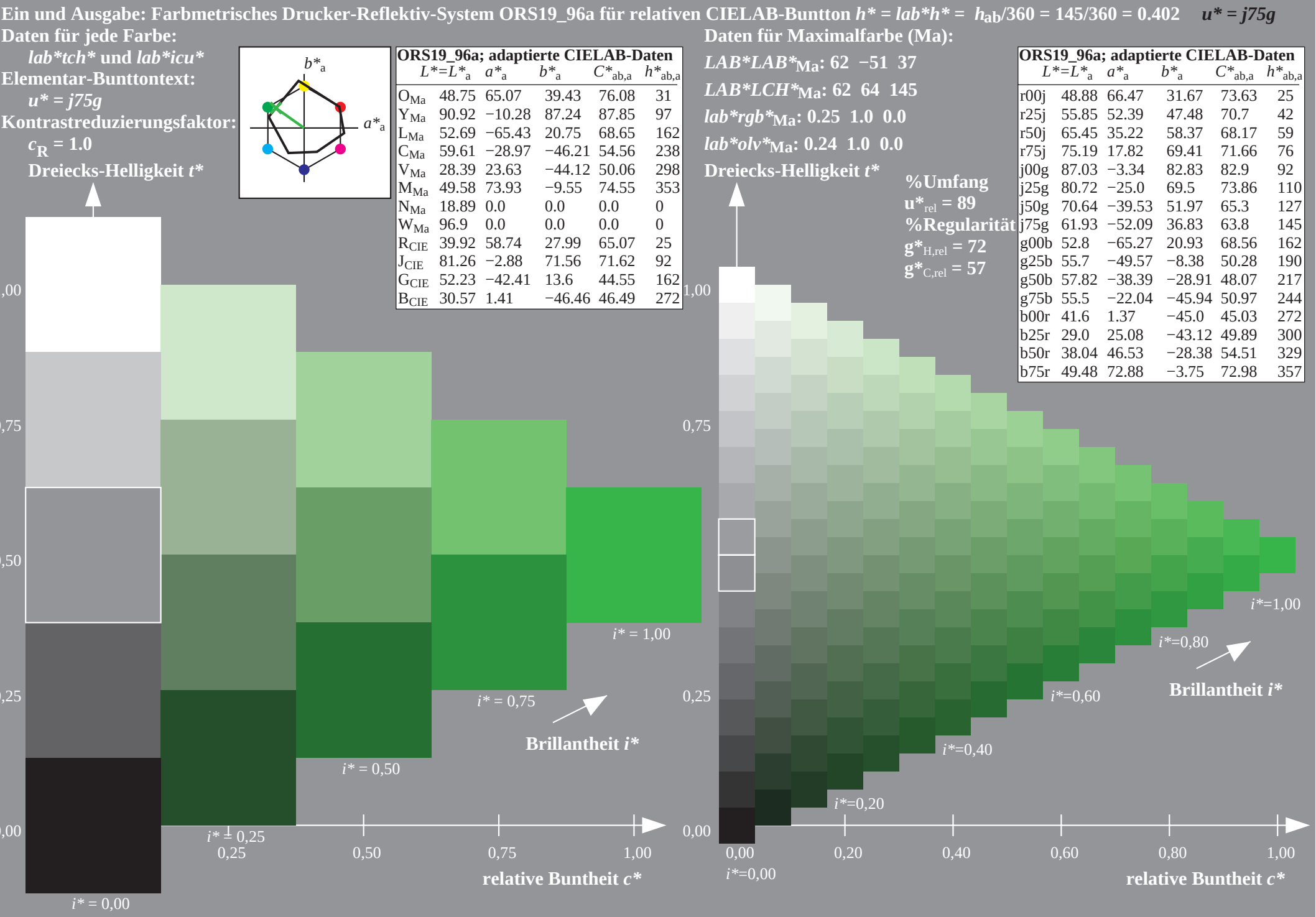


$i^* = 0,00$
 $i^* = 0,20$
 $i^* = 0,40$
 $i^* = 0,60$
 $i^* = 0,80$
 $i^* = 1,00$

relative Buntheit c^*

Brillantheit i^*

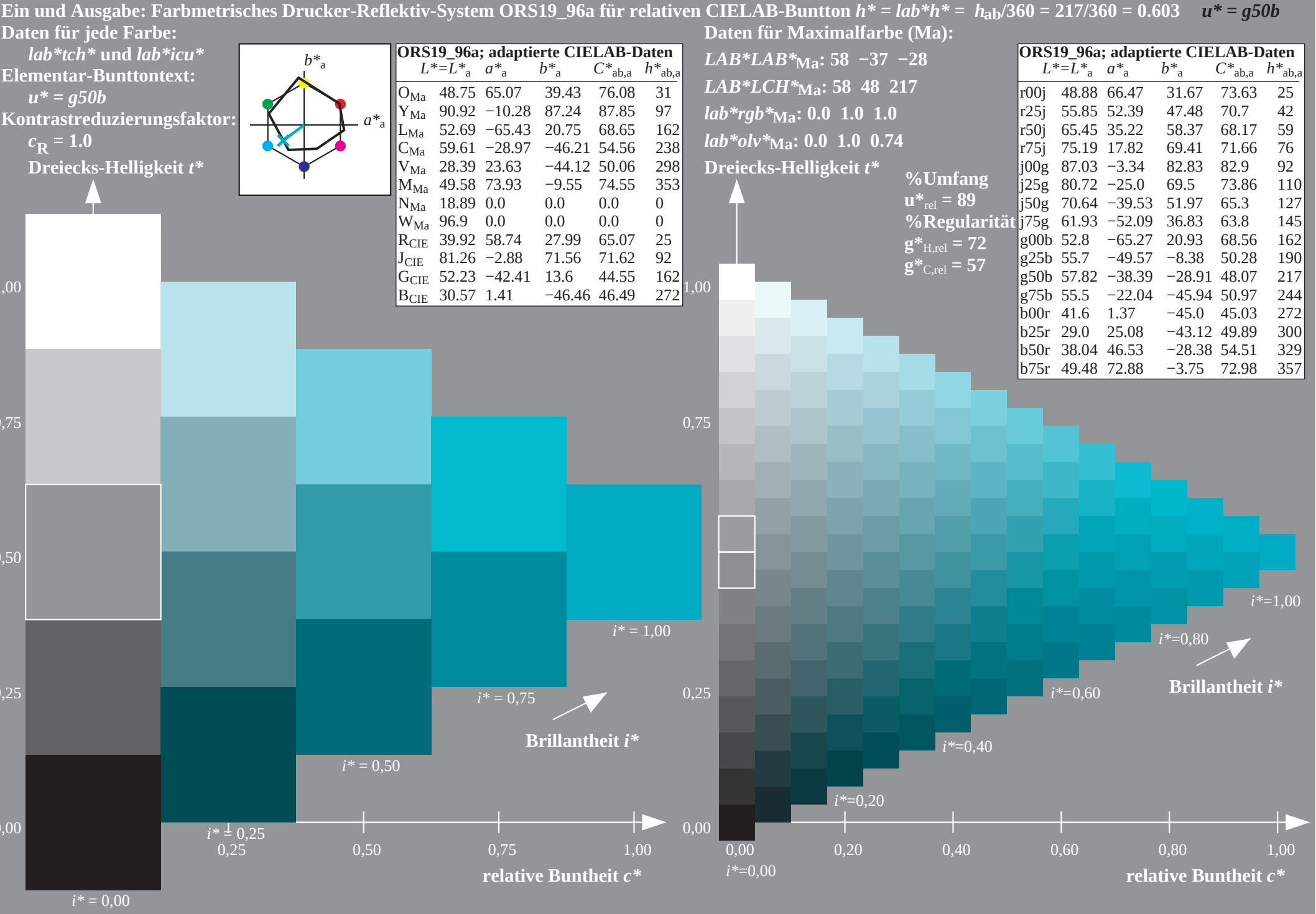
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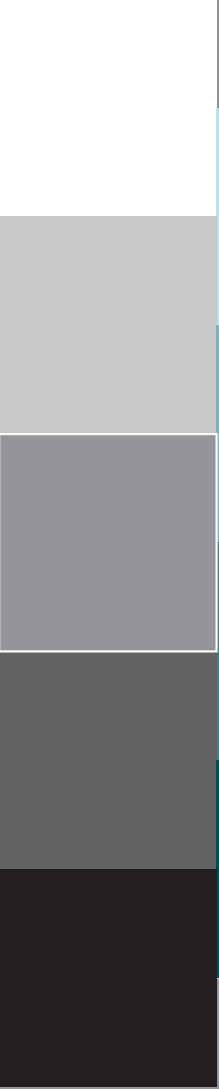


relative Buntheit c^*

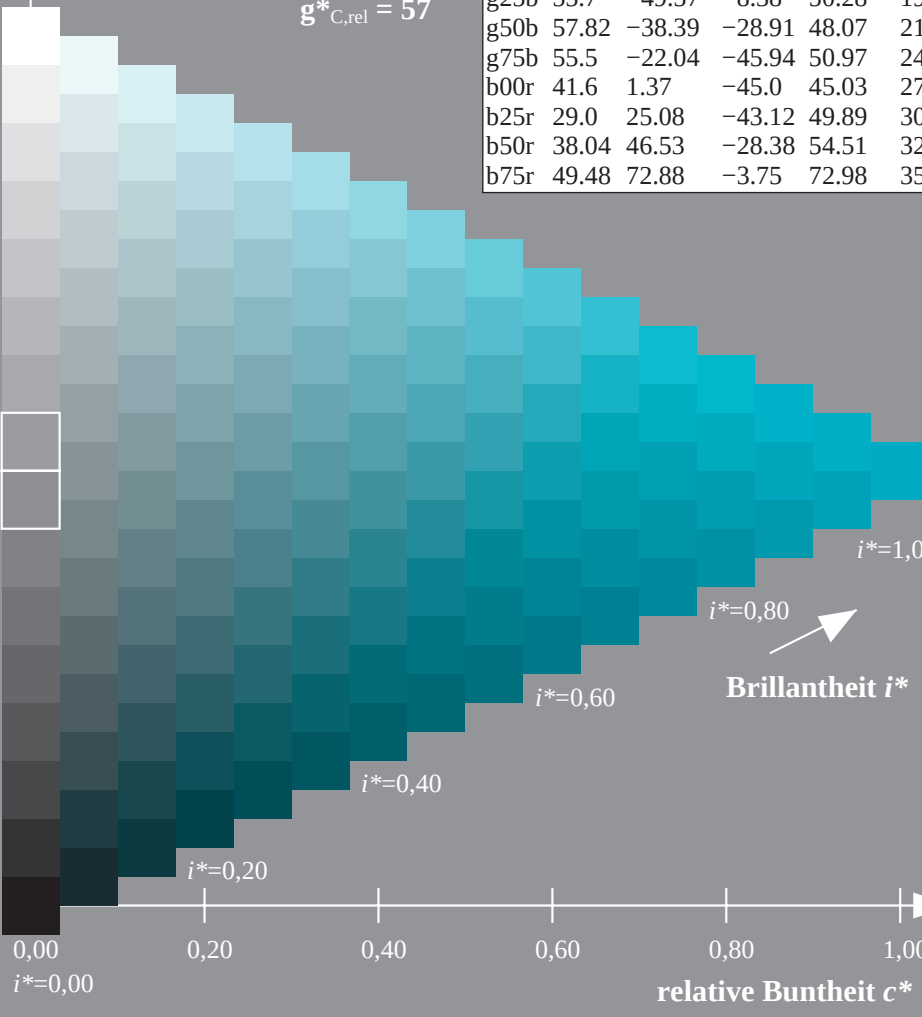
relative Buntheit c^*

$$i^*=1,00$$





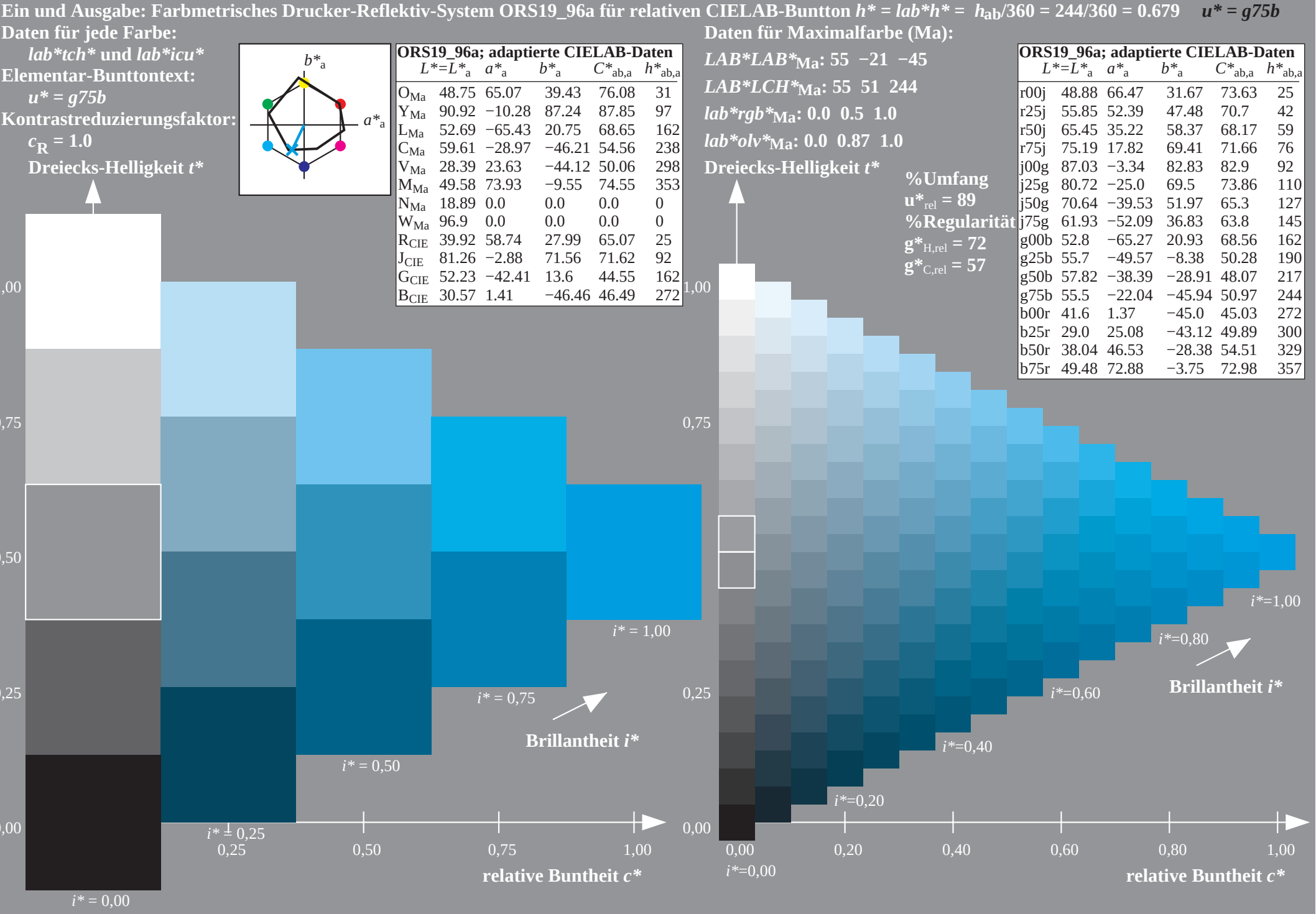
$i^* = 0,00$
 $i^* \pm 0,25$
0,25
0,50
0,75
1,00

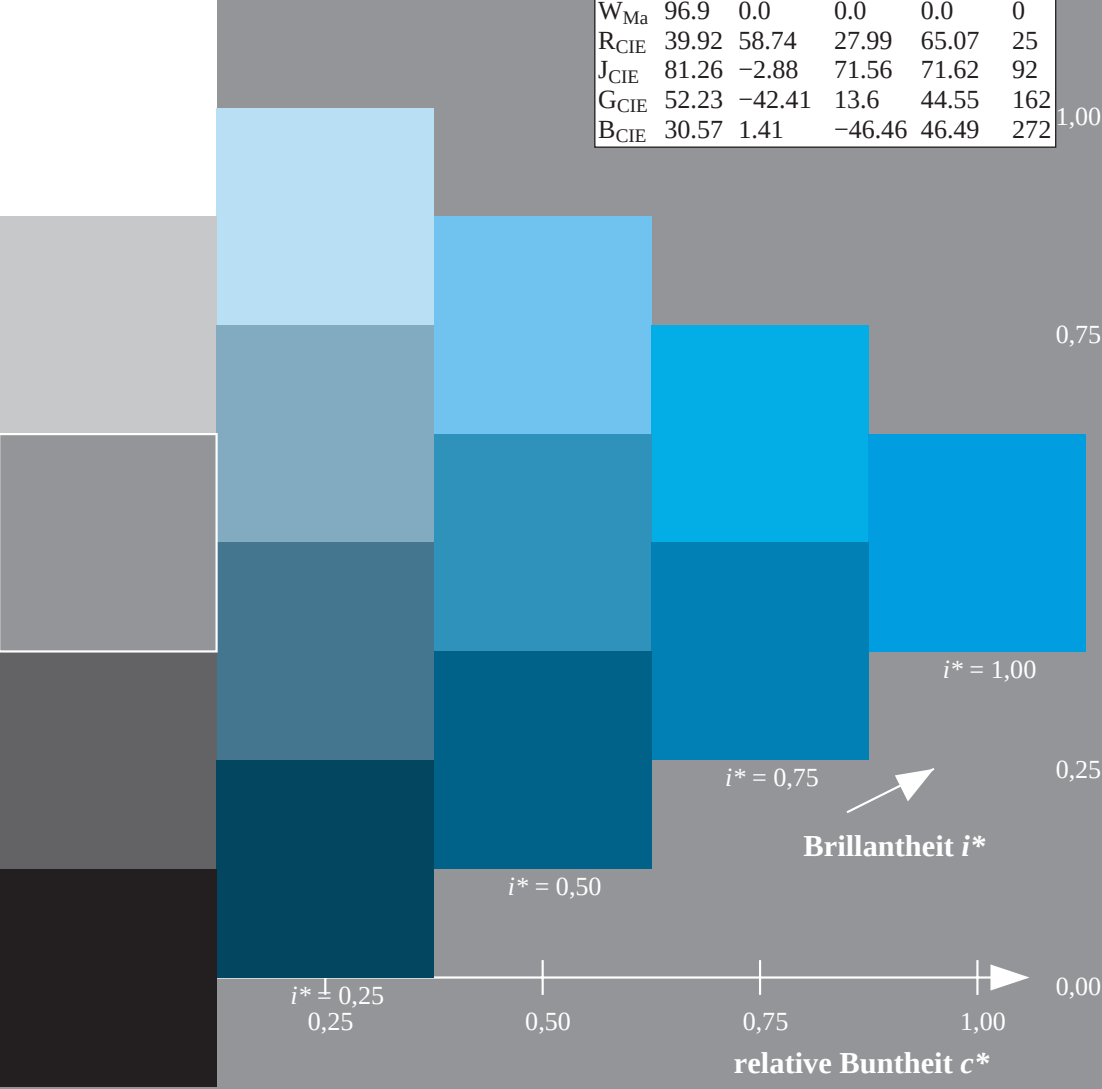


$i^* = 0,00$
 $i^* = 0,20$
 $i^* = 0,40$
 $i^* = 0,60$
 $i^* = 0,80$
 $i^* = 1,00$
Brillantheit i^*

relative Buntheit c^*

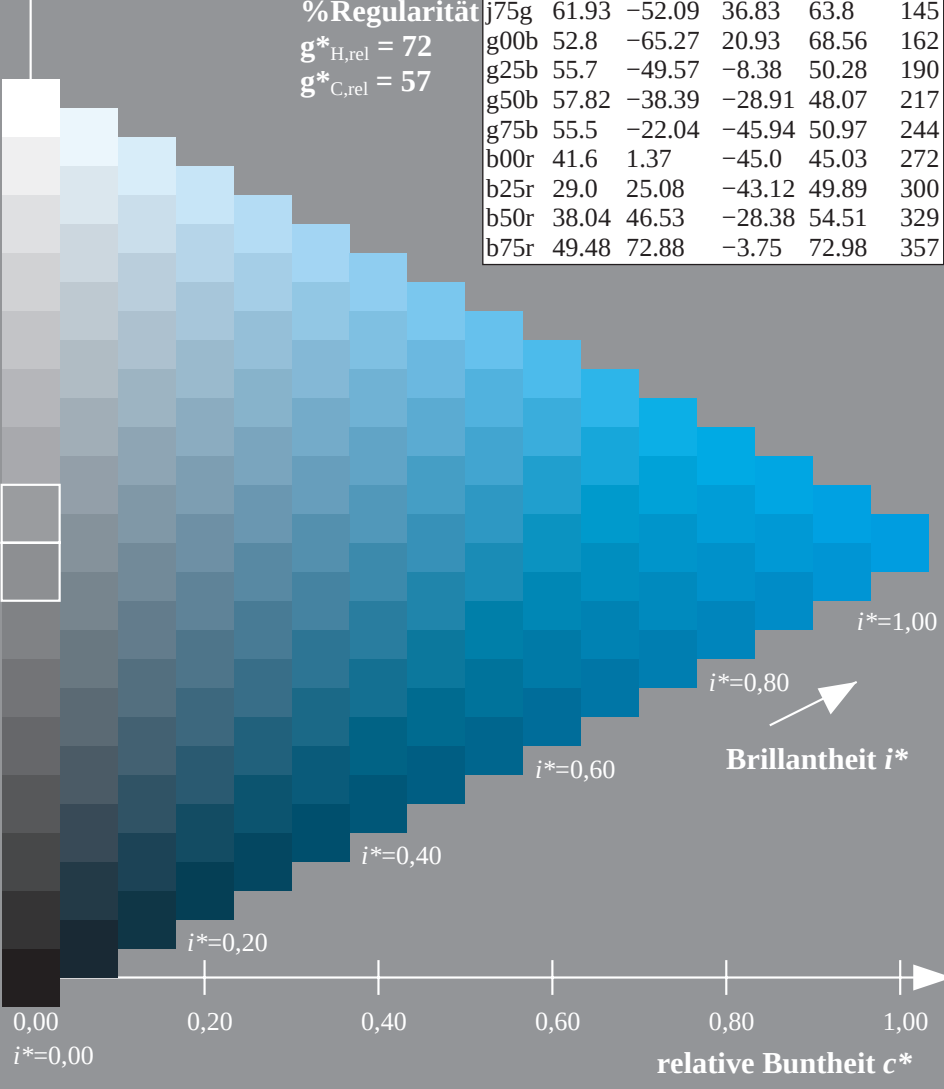
relative Buntheit c^*





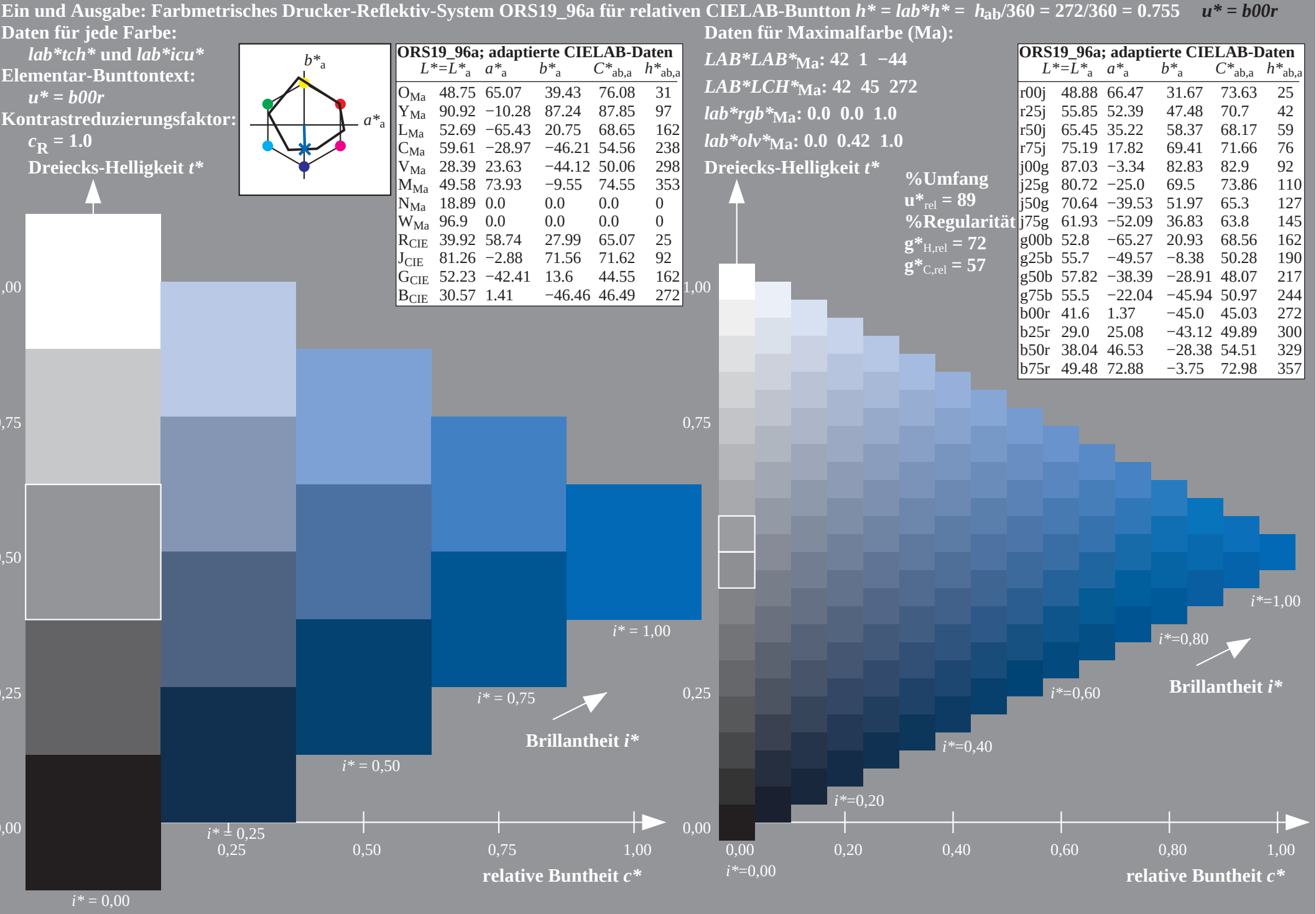
Brillantheit i^*

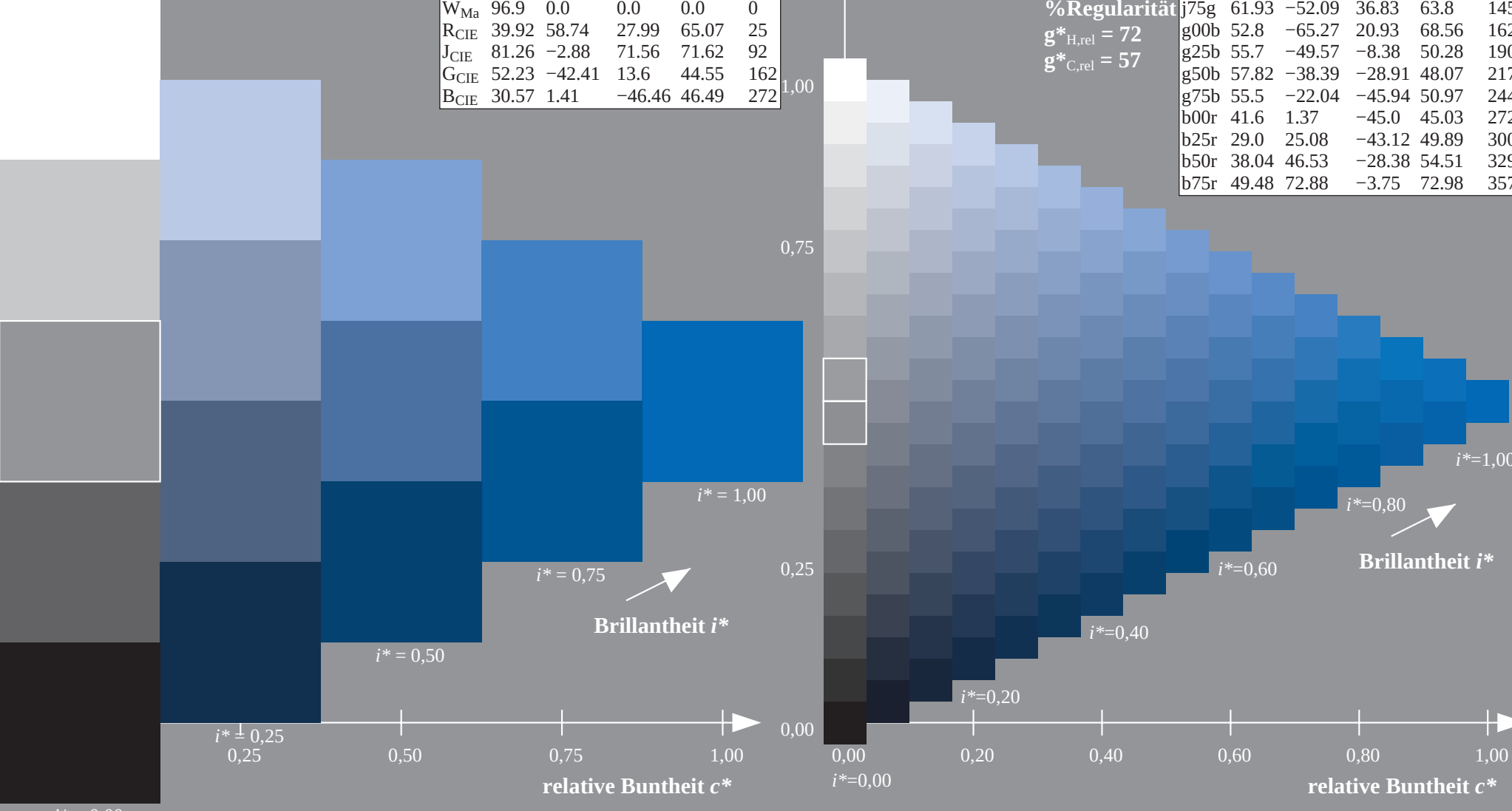
$i^* = 0,50$
 $i^* = 0,75$
 $i^* = 1,00$



Brillantheit i^*

$i^* = 0,20$
 $i^* = 0,40$
 $i^* = 0,60$
 $i^* = 0,80$
 $i^* = 1,00$

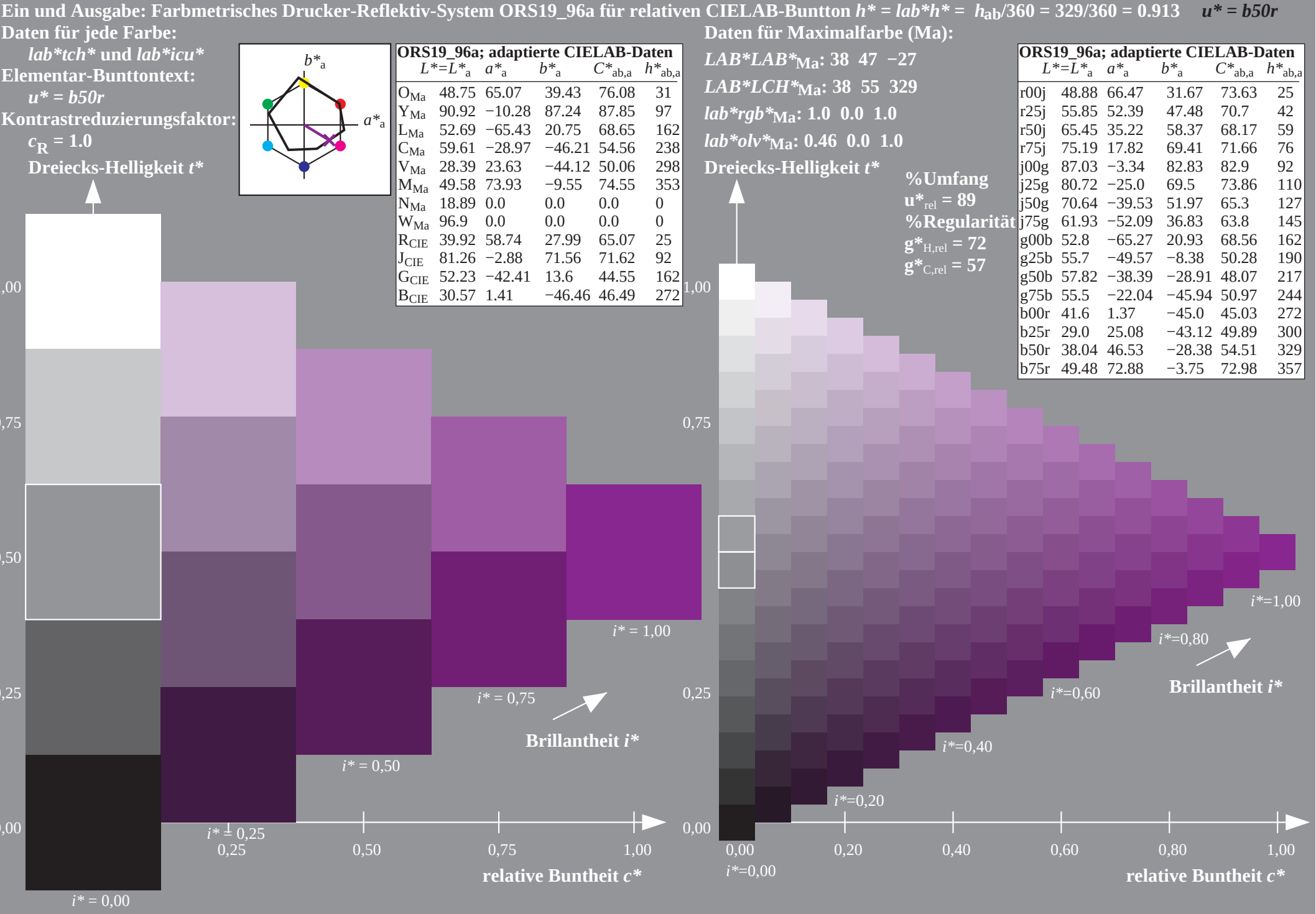


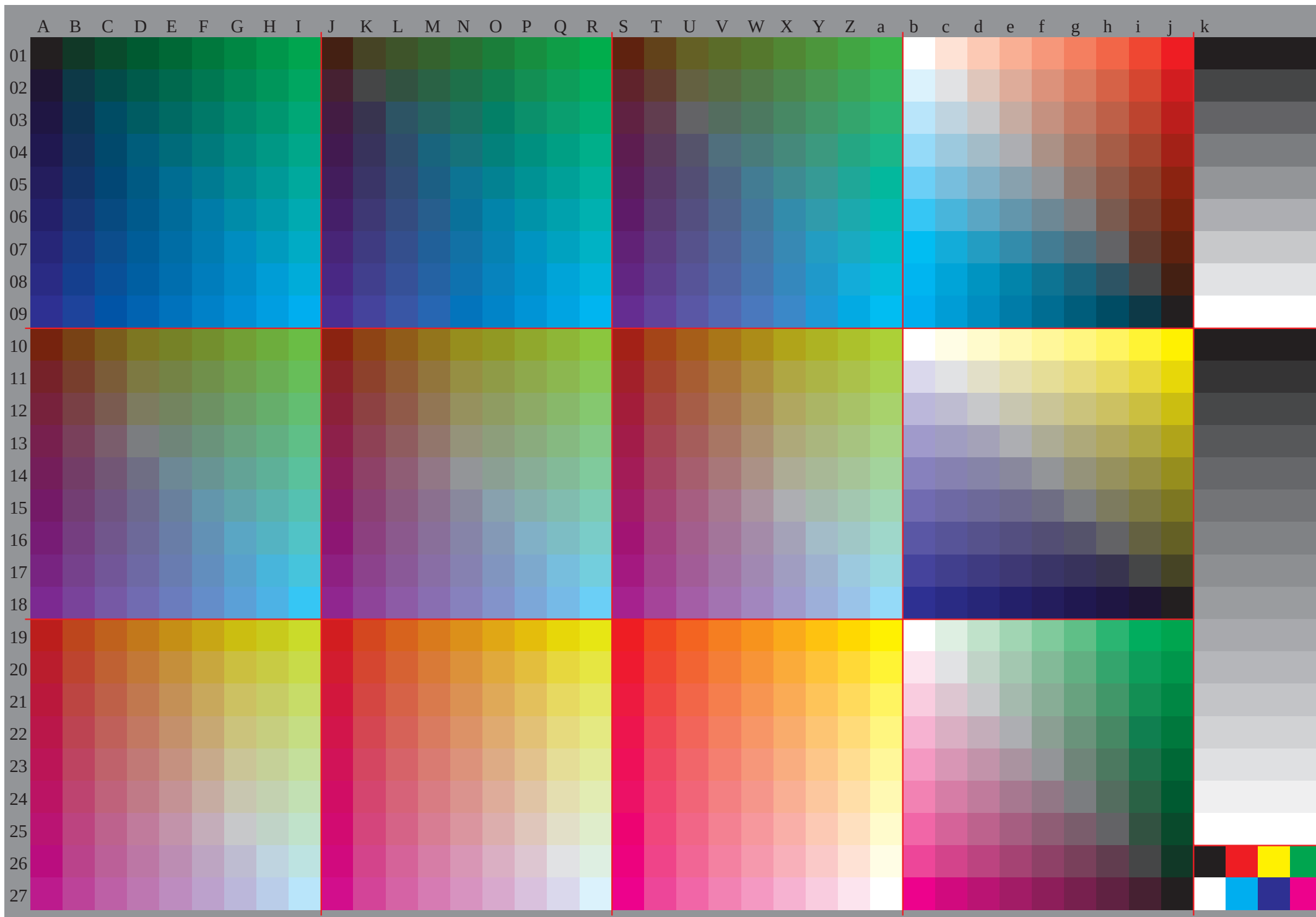


Brillantheit i^*

Brillantheit i^*

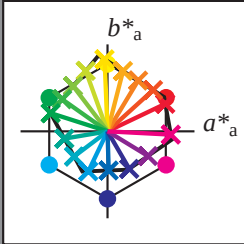
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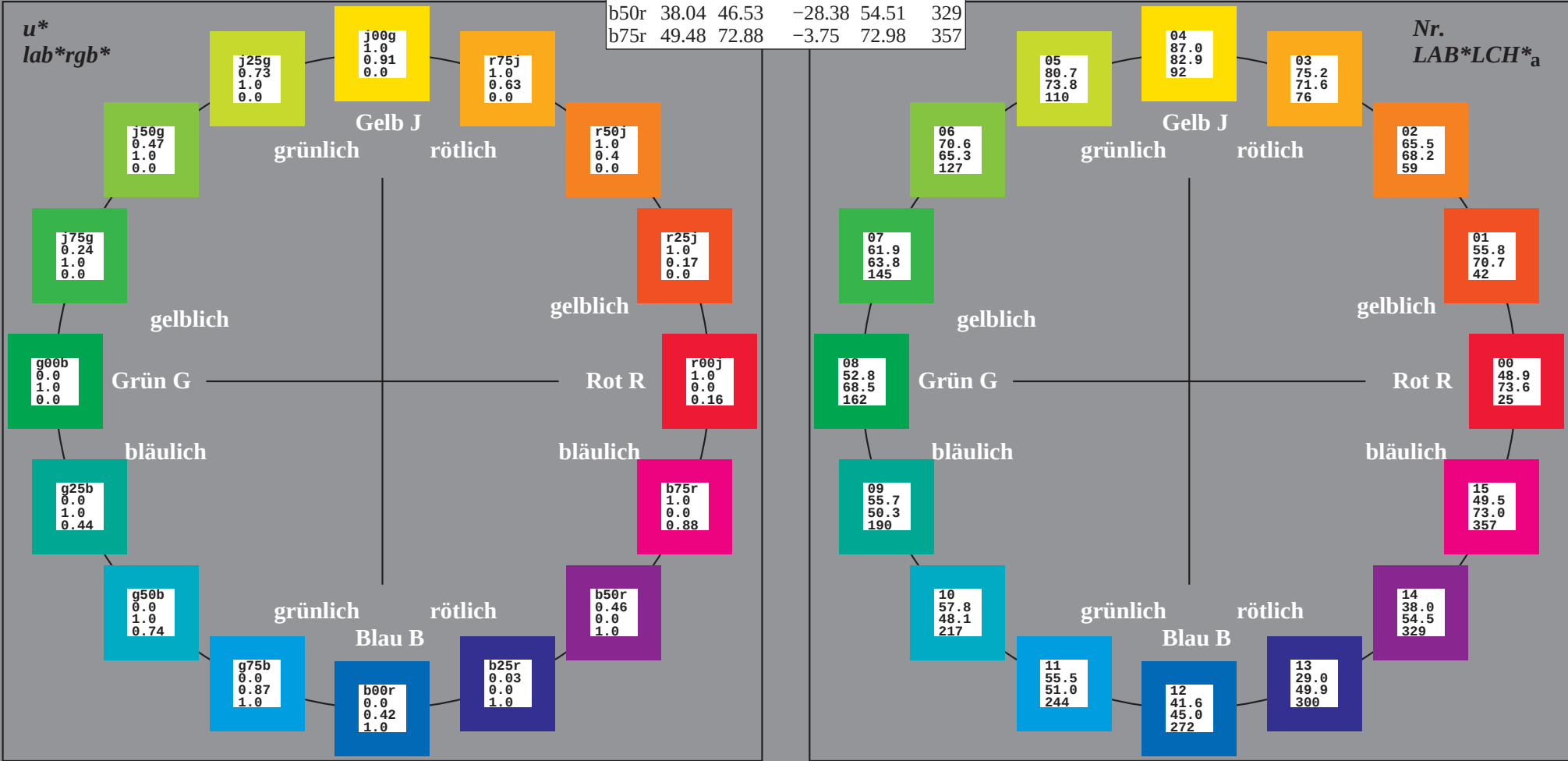
Ein und Ausgabe:
Farbmetrisches Drucker-Reflektiv-System ORS19_96a
Daten für jede Farbe:
lab*tch* und lab*icu*
Elementar-Bunttontext:
u* = 16 Bunttöne r00j, r25j, ..., b75r
Kontrastreduzierungsfaktor:
c_R = 1.0

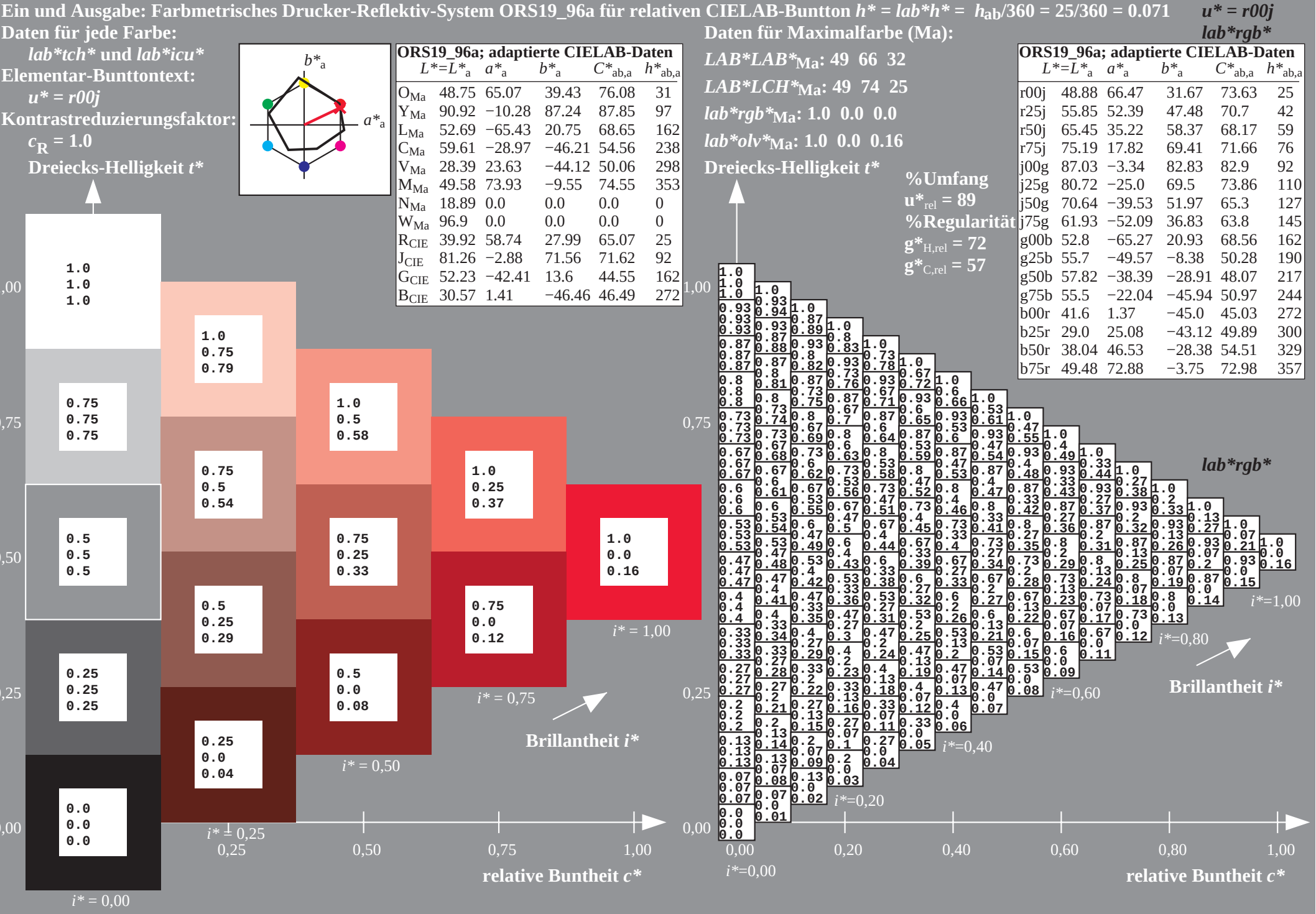
ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



%Umfang
u_{rel}^{*} = 89
%Regularität
g_{H,rel}^{*} = 72
g_{C,rel}^{*} = 57

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272





in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

Daten für Maximalfarbe (Ma):

$u^* = r25j$
 lab^*rgb^*

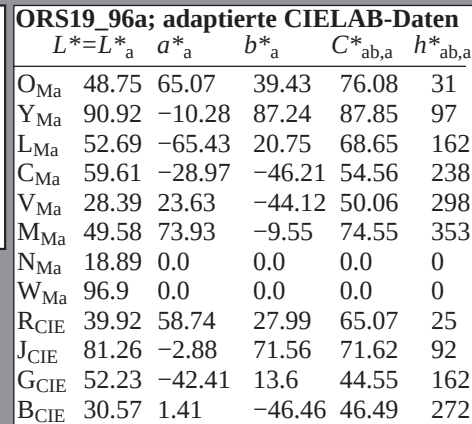
LAB*LAB*_{Ma}: 56 52 47

LAB*LCH*_{Ma}: 56 71 42

lab*rgb*Ma: 1.0 0.25 0.0

lab*olv*_Ma: 1.0 0.17 0.0

Dreiecks-Helligkeit t^*



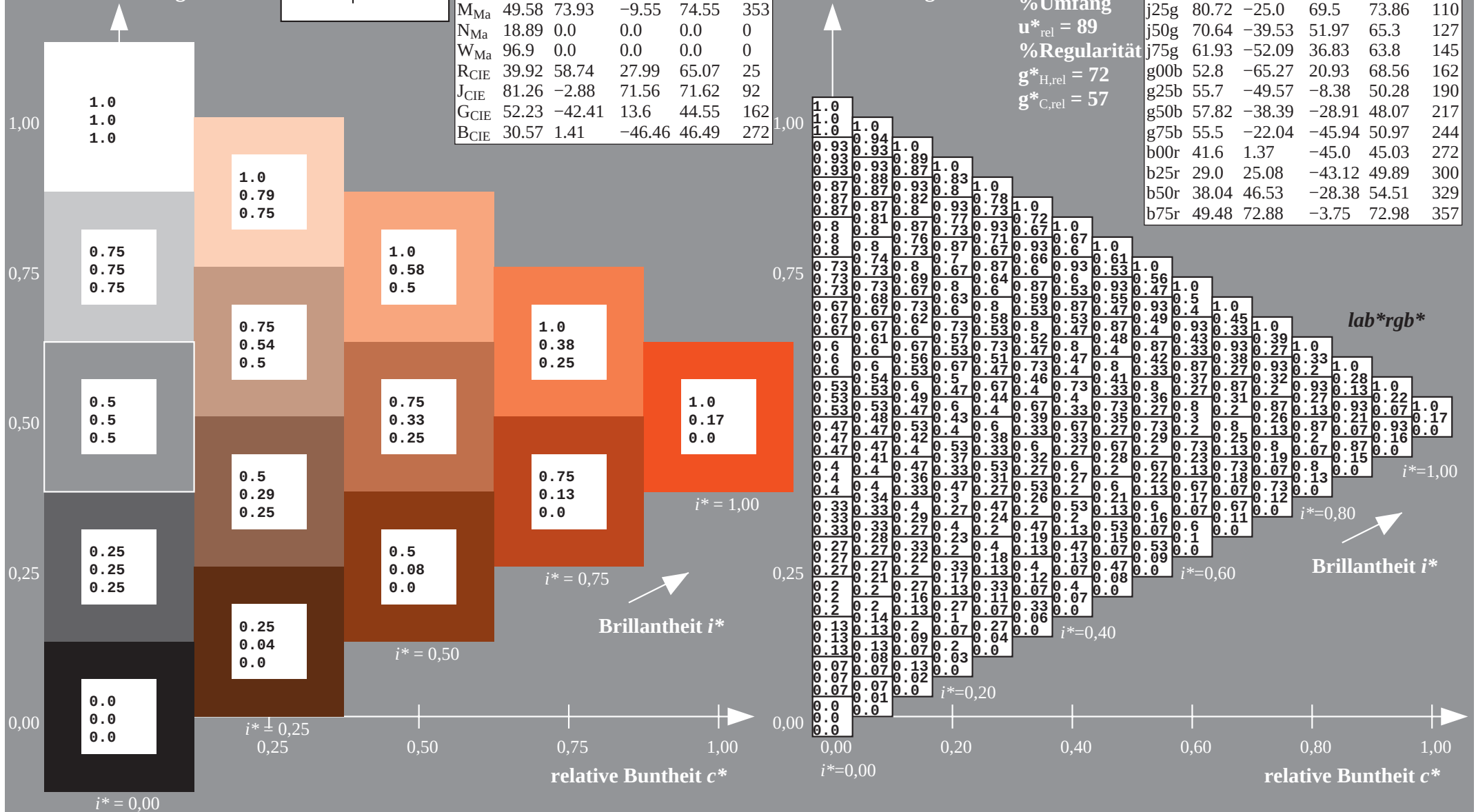
ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

$$u_{rel}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

Daten für Maximalfarbe (Ma):

$u^* = r50j$
 lab^*rgb^*

*LAB*LAB*_{Ma}: 65 35 58

LAB*LCH*Ma: 65 68 59

***lab*rgb**_{Ma}: 1.0 0.5 0.0**

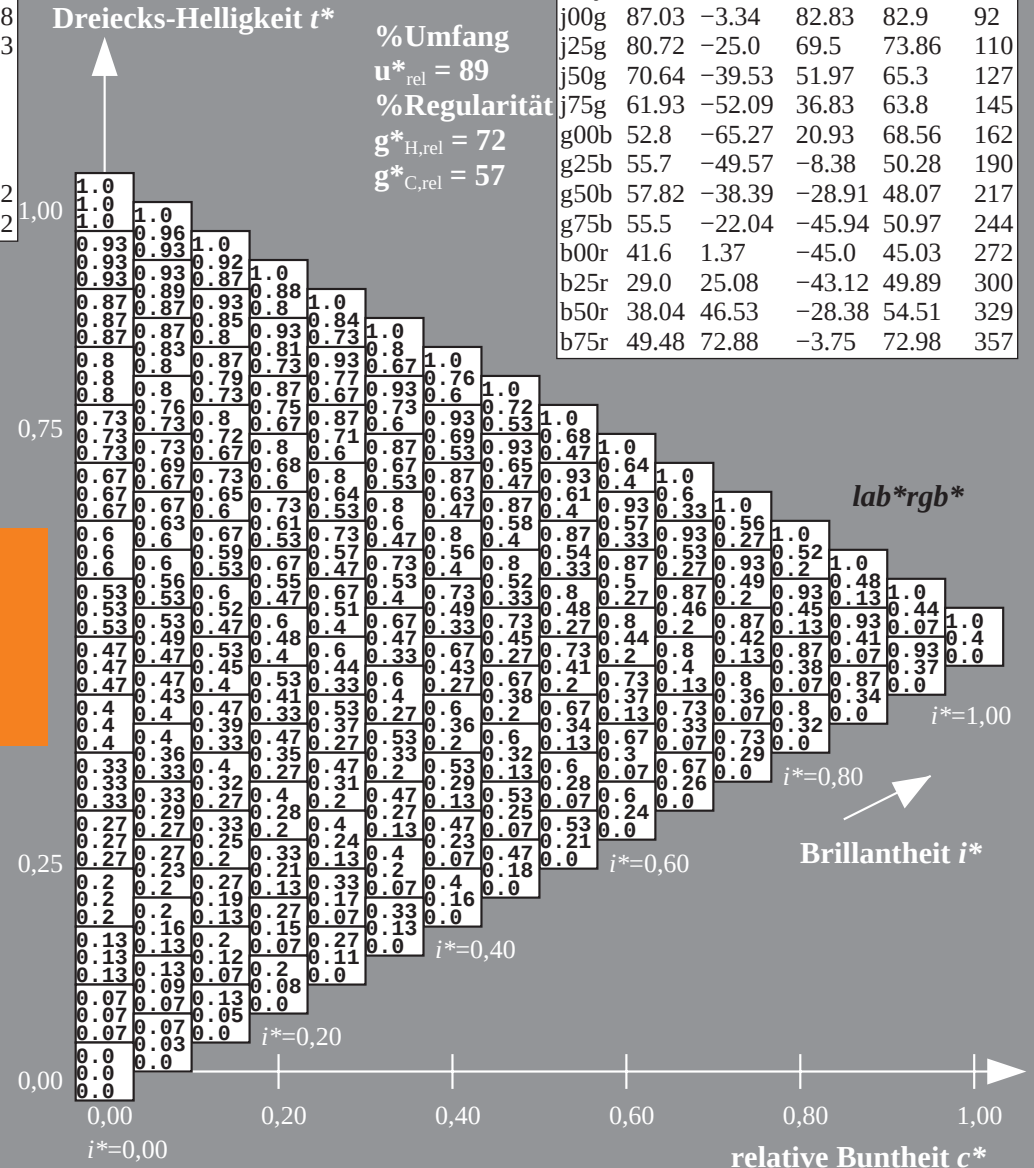
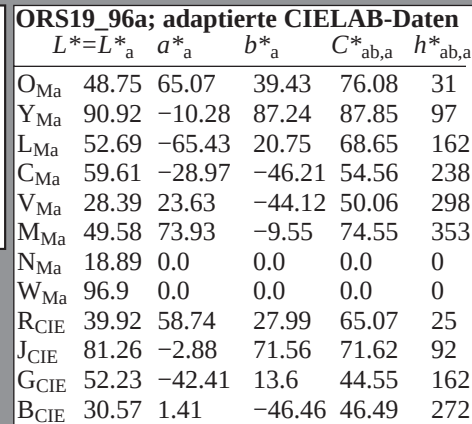
lab*olv*Ma: 1.0 0.4 0.0

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regular

$$g^*_{H,rel} = 72$$


in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

Daten für Maximalfarbe (Ma):

$$u^* = r75j$$

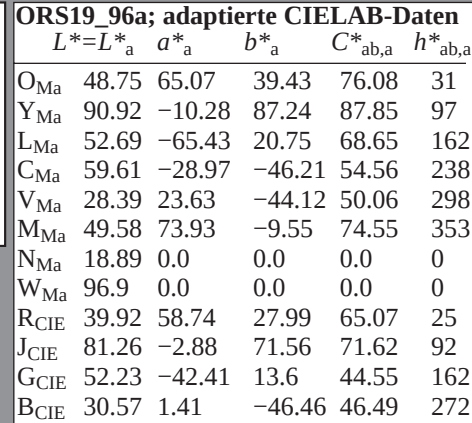
*lab*rgb**

***LAB*LAB*_{Ma}: 75 18 69**

LAB*LCH*Ma: 75 72 76

lab*rgb*_Ma: 1.0 0.75 0.0

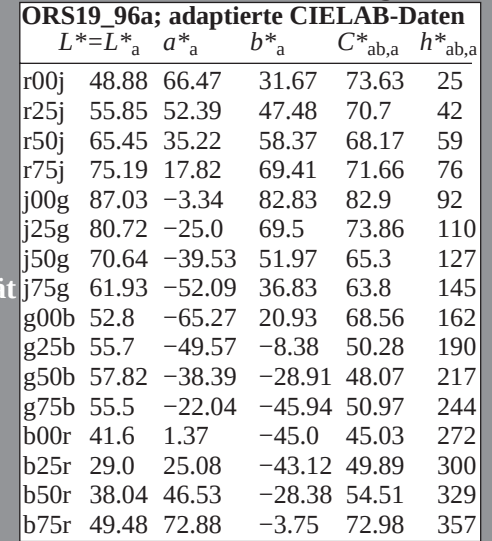
lab*olv*_Ma: 1.0 0.63 0.0



%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


*lab*rgb**

$$i^*=1,00$$

Brillantheit i^*

in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 87 -2 83

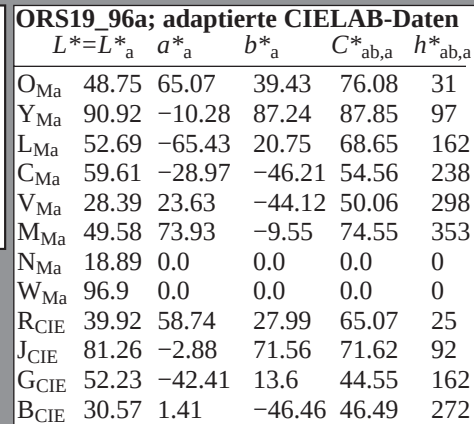
LAB*LCH*Ma: 87 83 92

lab*rgb*_Ma: 1.0 1.0 0.0

lab*olv*_Ma: 1.0 0.91 0.0

Dreiecks-Helligkeit t^*

Dreiecks-Helligkeit t^*

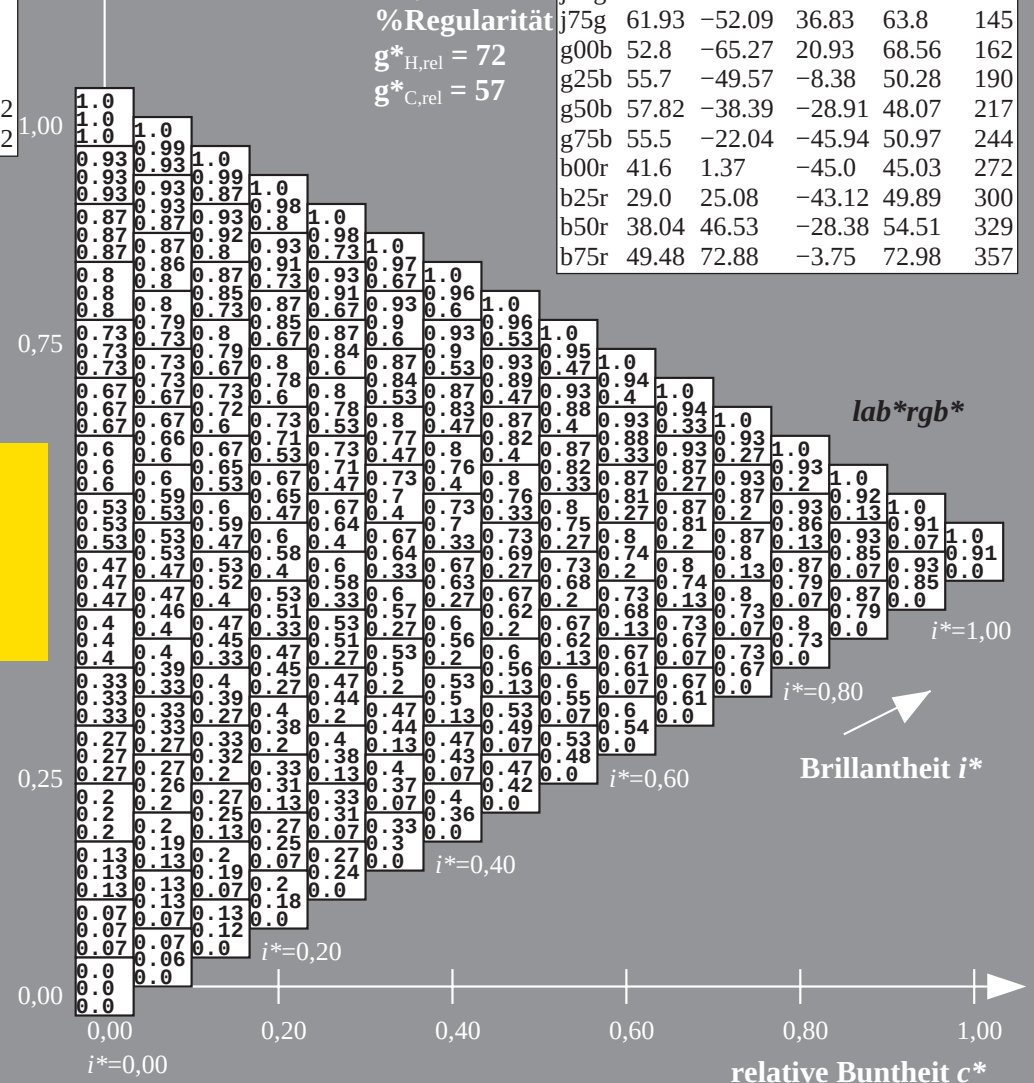


ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


*lab*rgb**

Brillantheit i^*

in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ $u^* = j25g$

Daten für Maximalfarbe (Ma):

*lab*rgb**

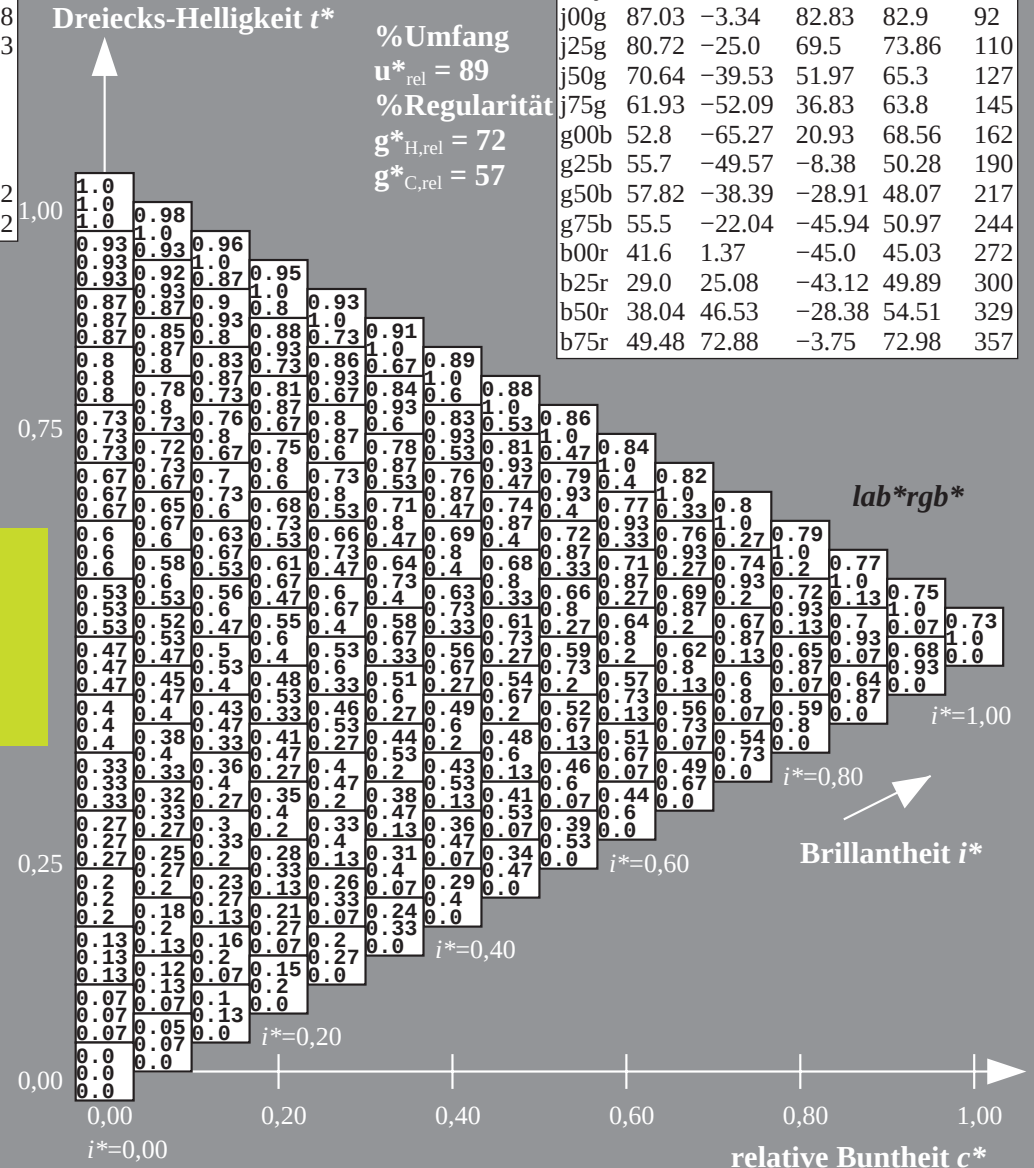
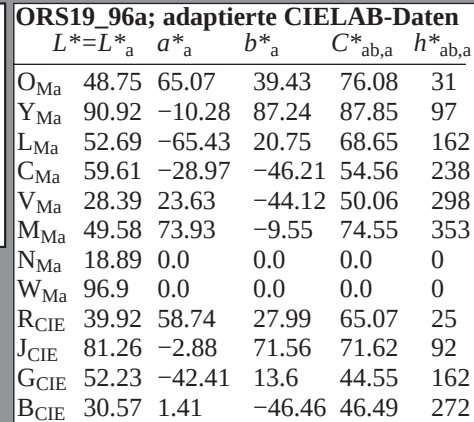
LAB*LAB*_{Ma}: 81 -24 69

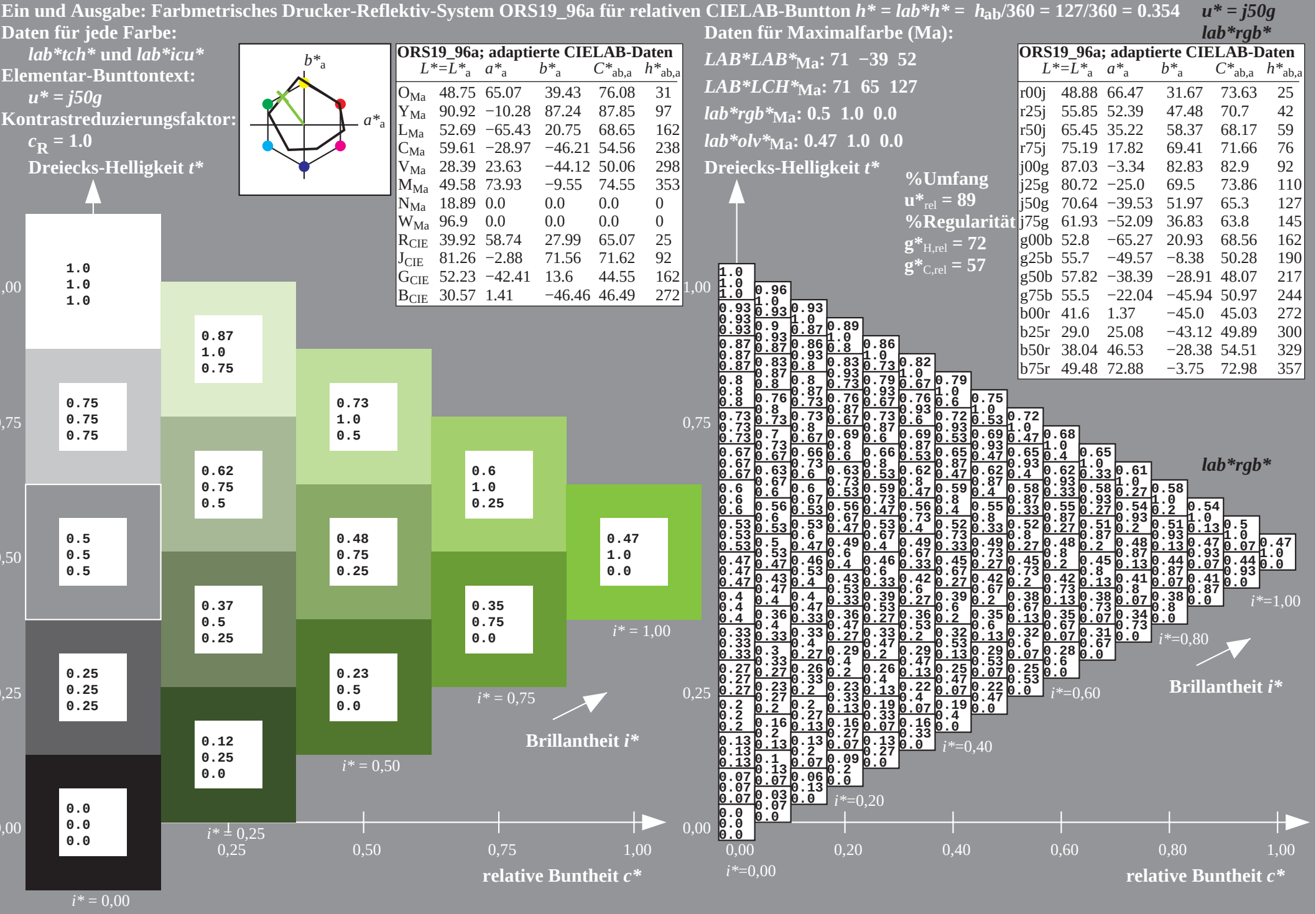
LAB*LCH*Ma: 81 74 110

lab*rgb*_{Ma}: 0.75 1.0 0.0

lab*olv*Ma: 0.73 1.0 0.0

Dreiecks-Helligkeit t^*





n CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ $u^* = j75g$

Daten für Maximalfarbe (Ma):

*lab*rgb**

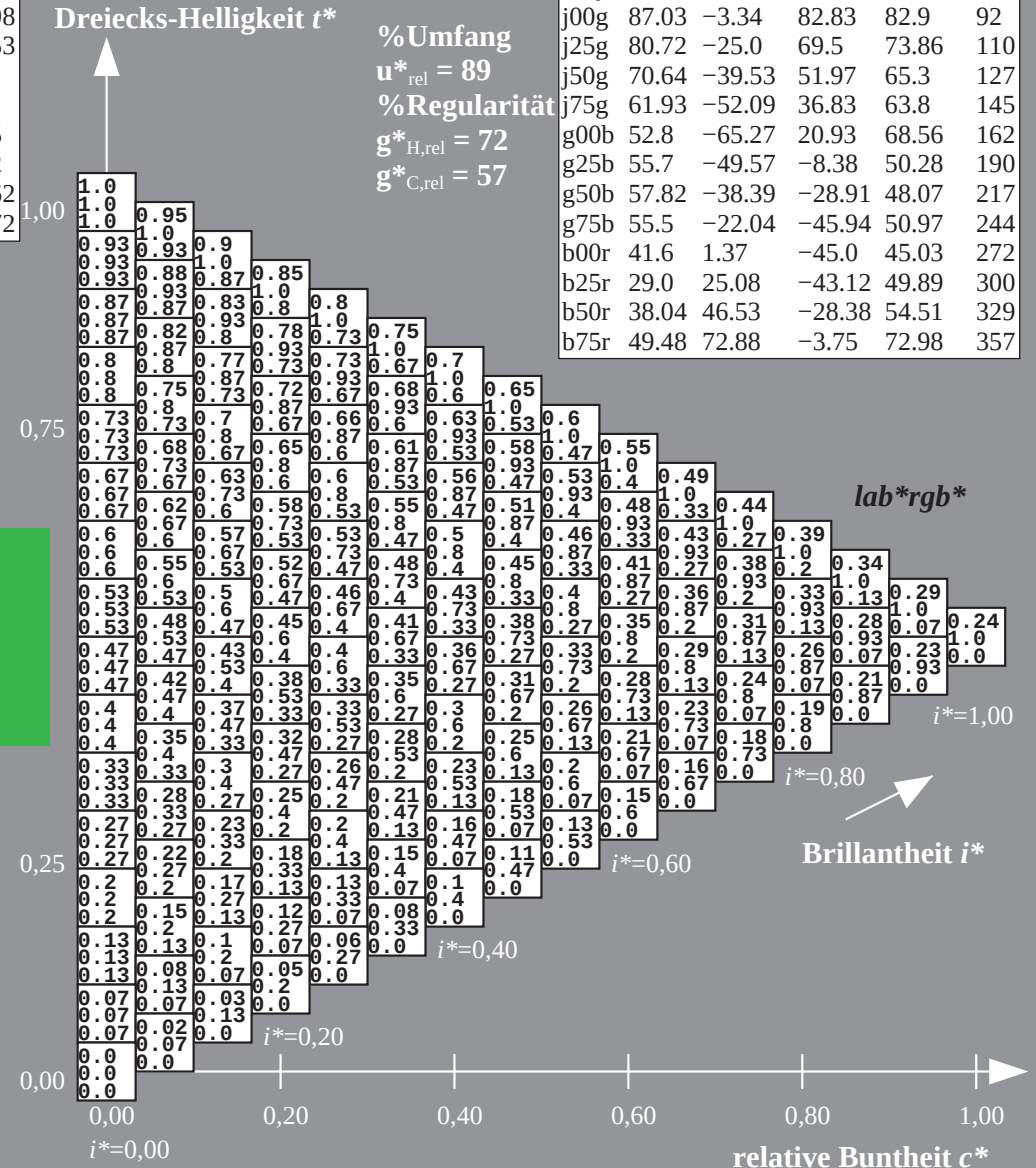
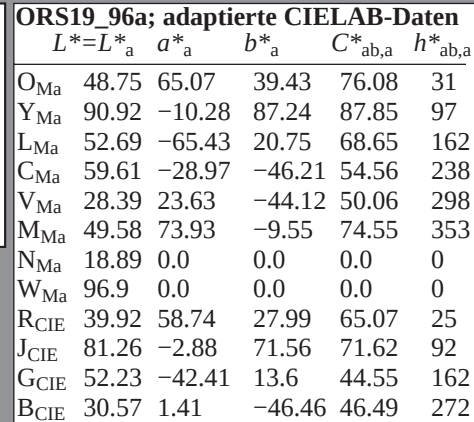
LAB*LAB*_{Ma}: 62 -51 37

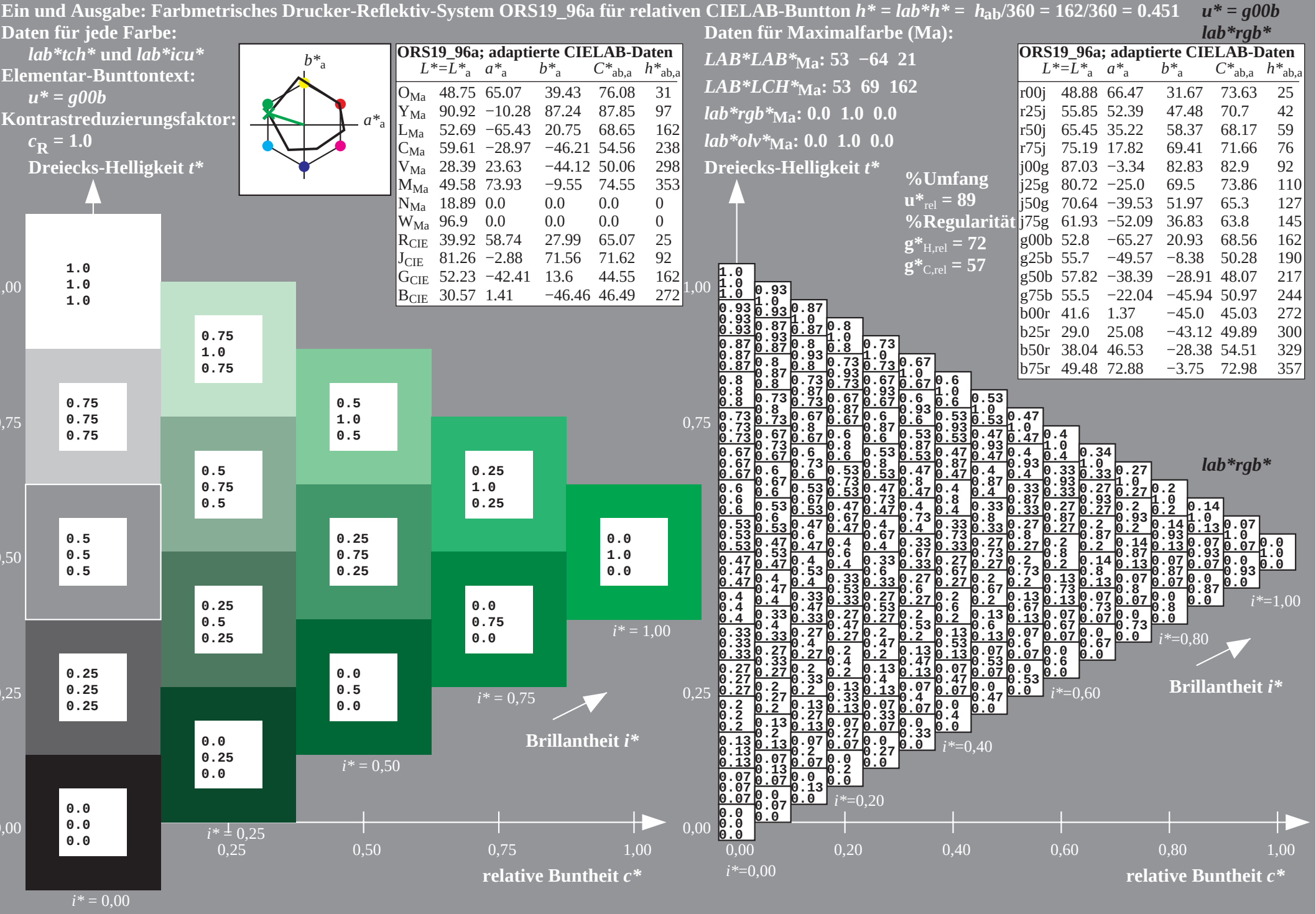
LAB*LCH*Ma: 62 64 145

lab*rgb*_{Ma}: 0.25 1.0 0.0

lab*olv*_Ma: 0.24 1.0 0.0

Dreiecks-Helligkeit t^*





$$u^* = g25b$$

Daten für Maximalfarbe (Ma):

lab*rqb*

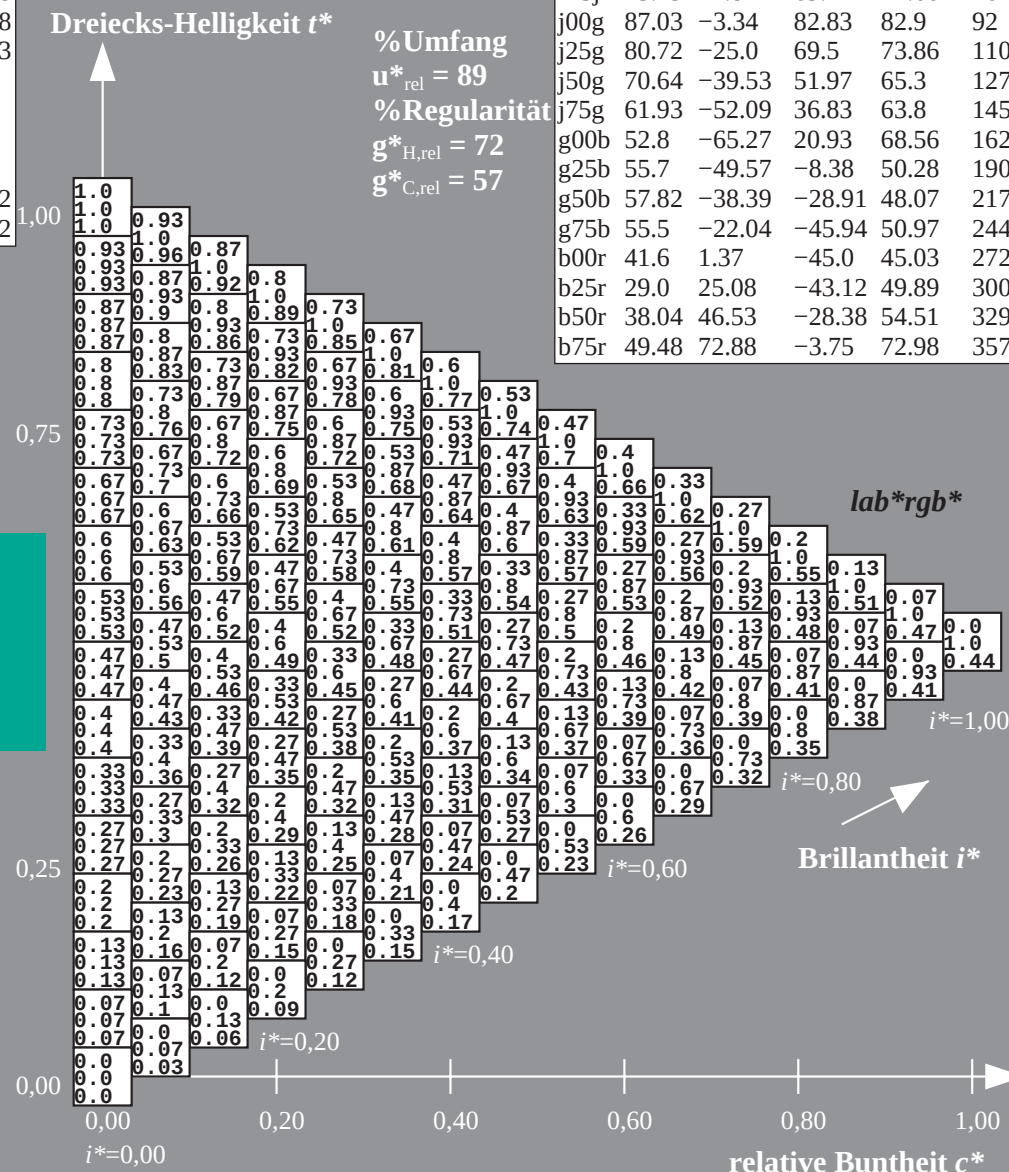
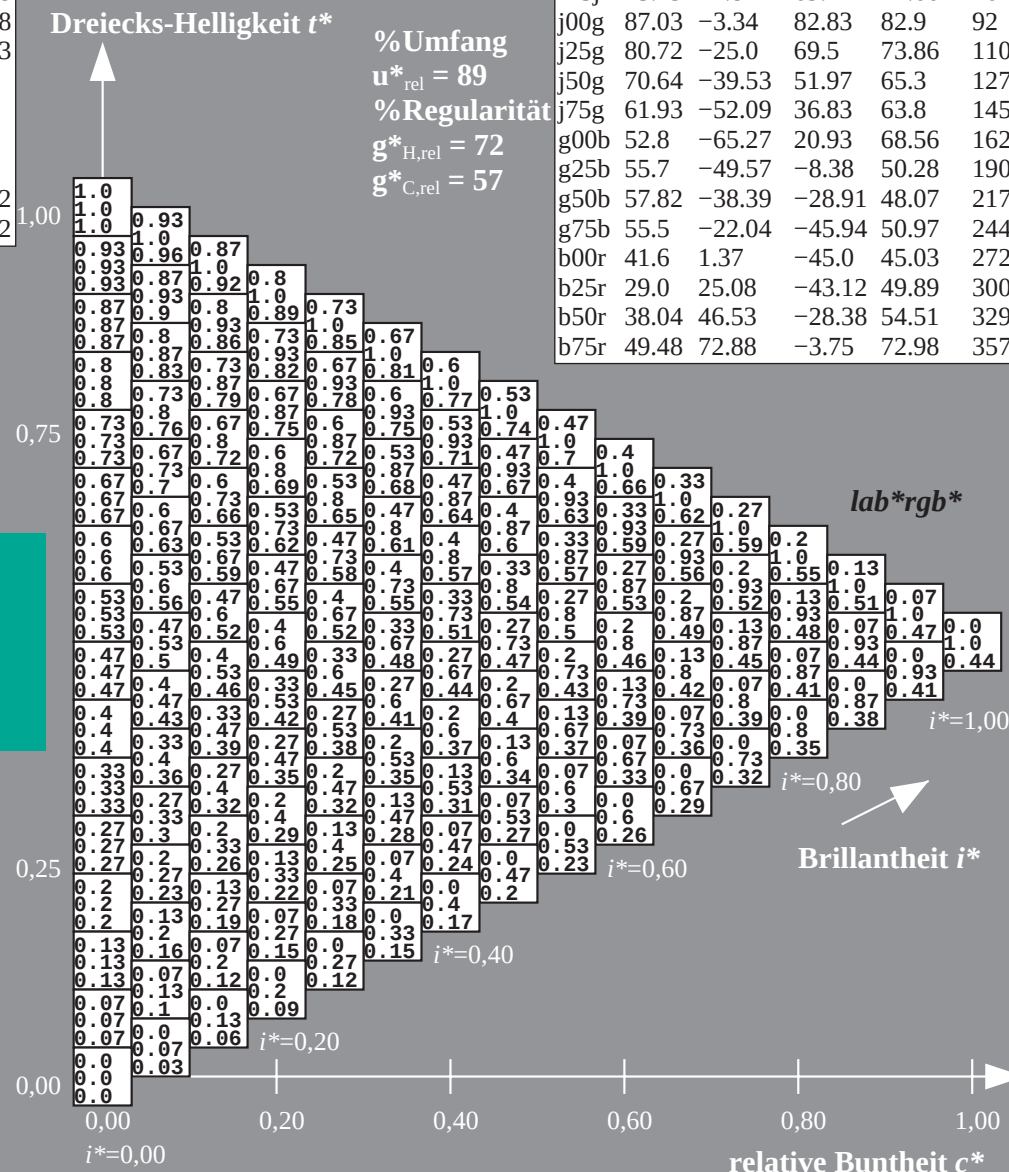
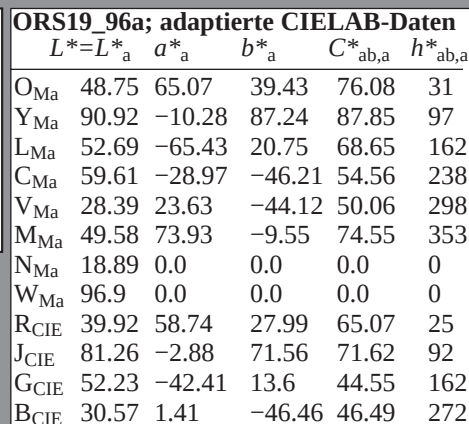
LAB*LAB*_{Ma}: 56 -49 -7

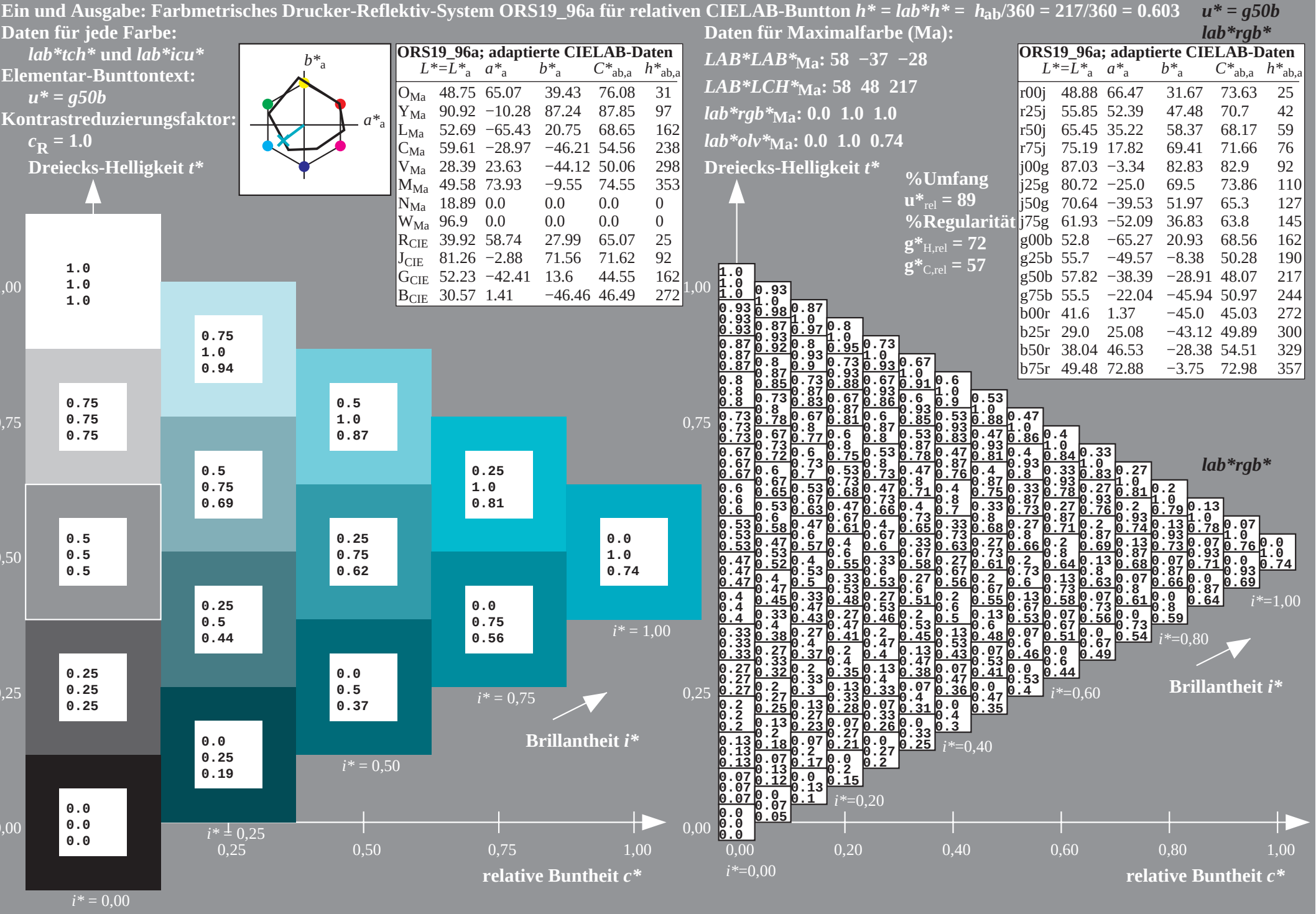
LAB*LCH*_{Ma}: 56 50 190

lab*rqb*_Ma: 0.0 1.0 0.5

lab*olv*Ma: 0.0 1.0 0.44

Dreiecks-Helligkeit t^*





CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$ $u^* = g75b$

Daten für Maximalfarbe (Ma):

*lab*rgb**

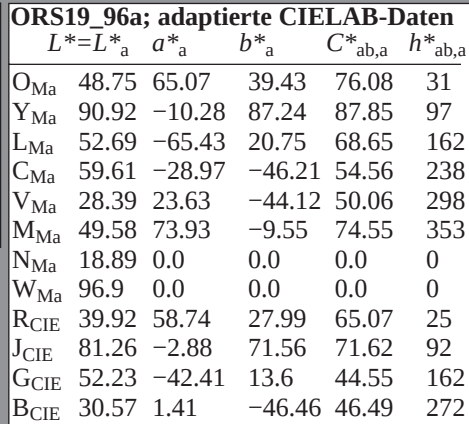
***LAB*LAB*_{Ma}: 55 -21 -45**

LAB*LCH*Ma: 55 51 244

***lab*rgb*_{Ma}: 0.0 0.5 1.0**

lab*olv*_{Ma}: 0.0 0.87 1.0

Dreiecks-Helligkeit t^*



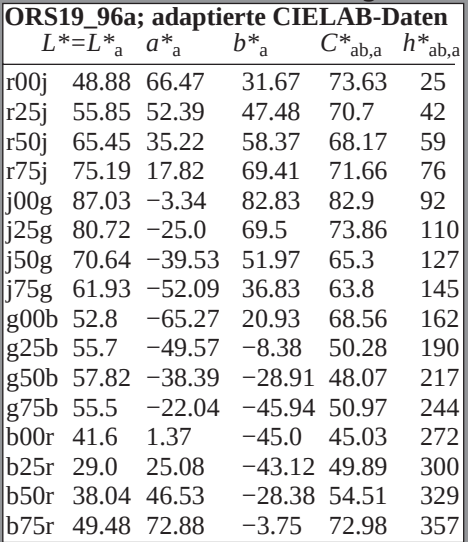
ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


*lab*rgb**

 $i^* = 1,00$

Brillantheit i^*

in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$ $u^* = b00r$

Daten für Maximalfarbe (Ma):

*lab*rgb**

LAB*LAB*_{Ma}: 42 1 -44

LAB*LCH*Ma: 42 45 272

***lab*rgb*_{Ma}: 0.0 0.0 1.0**

lab*olv*Ma: 0.0 0.42 1.0

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

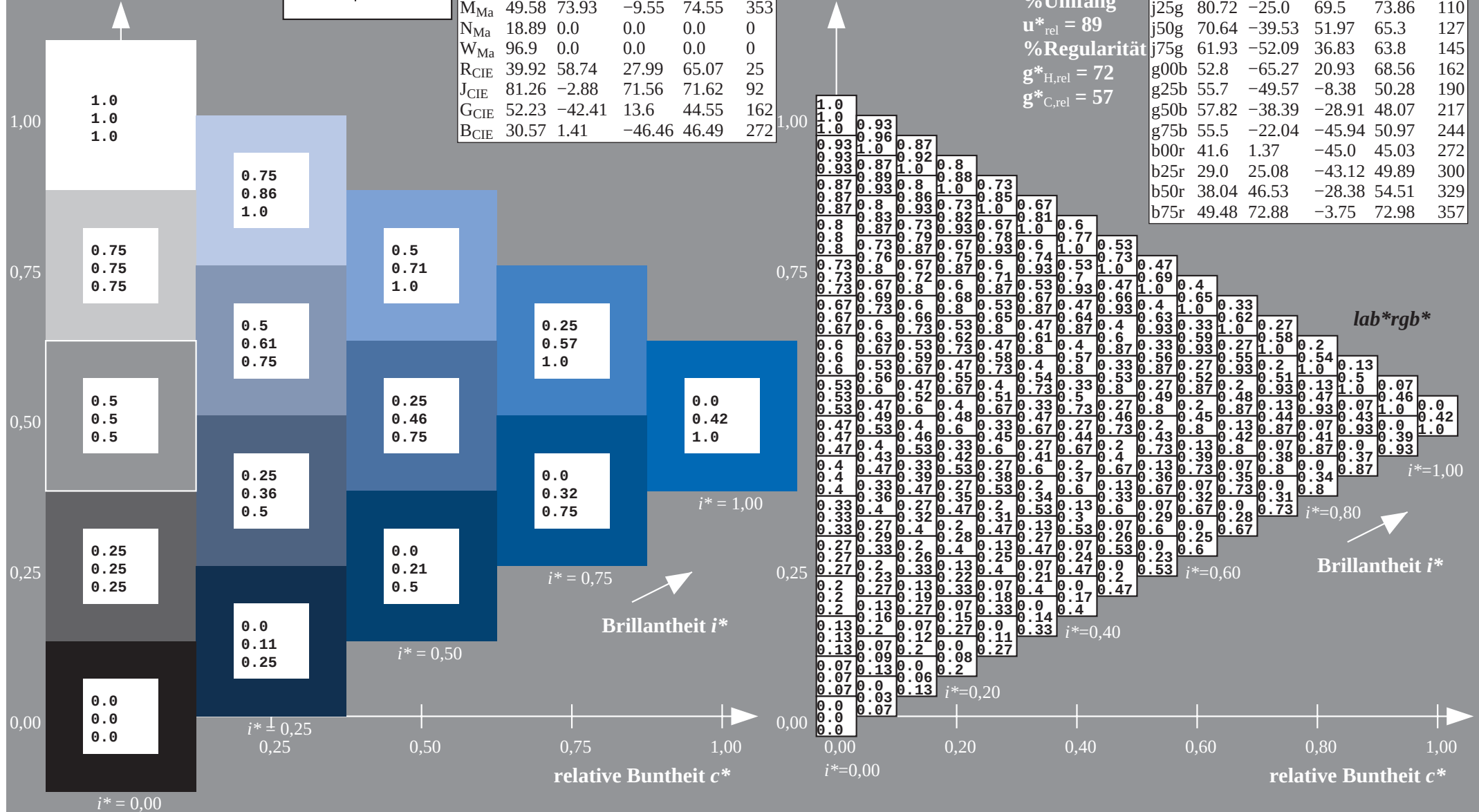
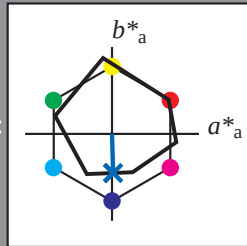
%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

Dreiecks-Helligkeit t^*

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$ $u^* = b25r$

Daten für Maximalfarbe (Ma):

*lab*rgb**

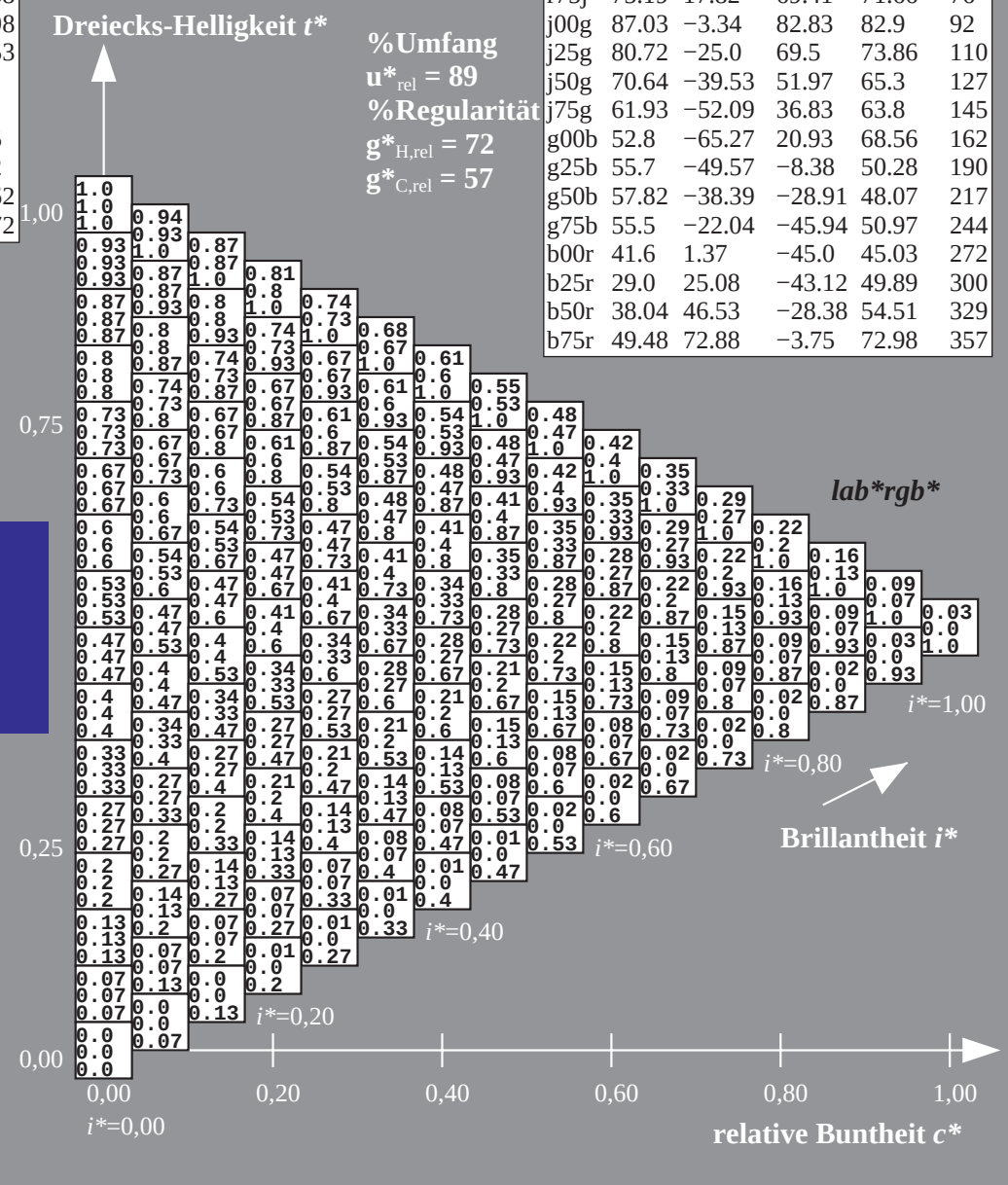
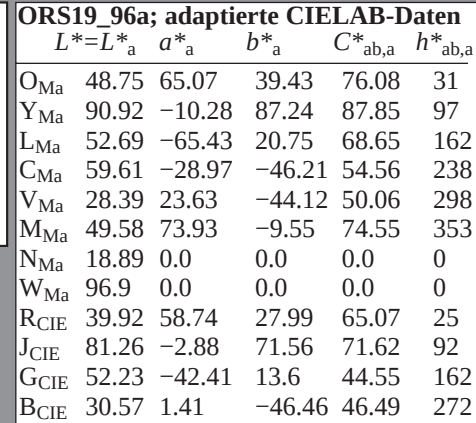
*LAB*LAB**M₃: 29 25 -42

***LAB*LCH*_{Ma}: 29 50 300**

*lab*rgb**_{Ma}: 0.5 0.0 1.0

lab*olv*_Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit t^*



CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$ $u^* = b50r$

Daten für Maximalfarbe (Ma):

*lab*rgb**

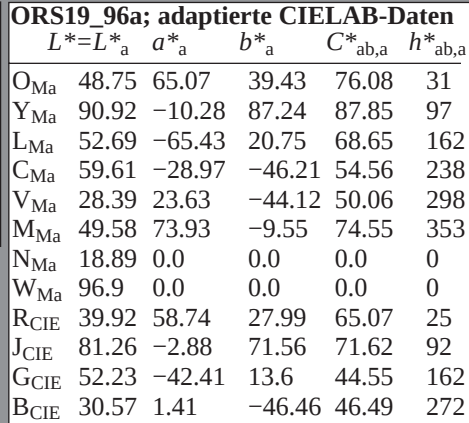
IELAB-Daten

LAB*LAB* M_2 : 38 47 -27

LAB*LCH*Ma: 38 55 329

lab*rgb*_{Ma}: 1.0 0.0 1.0

lab*olv*_{Ma}: 0.46 0.0 1.0

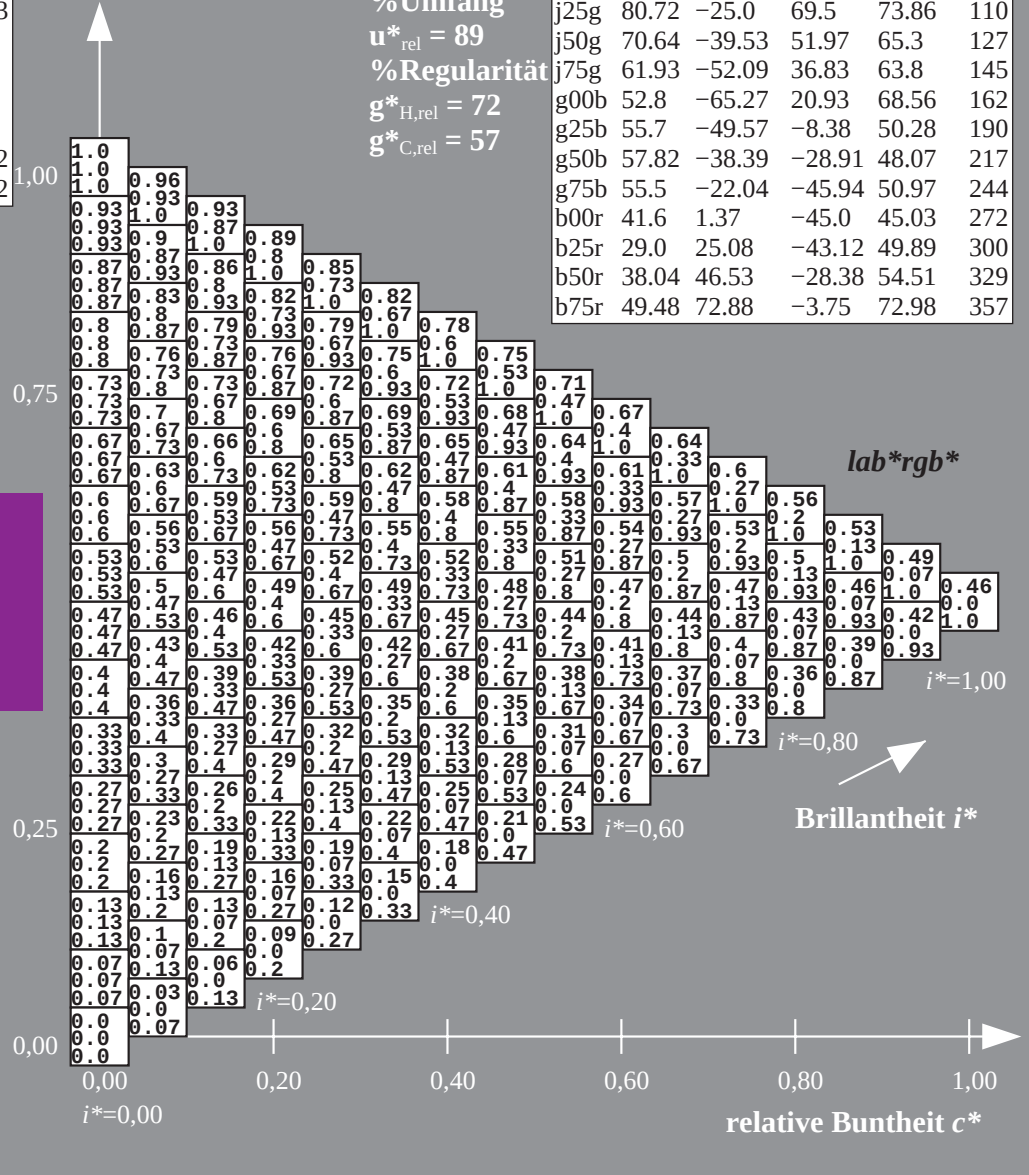


ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ $u^* = b75r$

Daten für Maximalfarbe (Ma):

$LAB*LAB*M_2: 49 \ 73 \ -3$

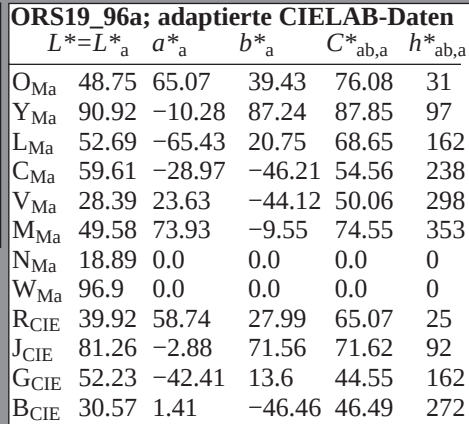
LAB*LCU* - : 40 72 257

LAB*ECH*Ma: 49 /3 33

lab*rgb*_{Ma}: 1.0 0.0 0.5

lab*olv*Ma: 1.0 0.0 0.88

Dreiecks-Helligkeit t^*



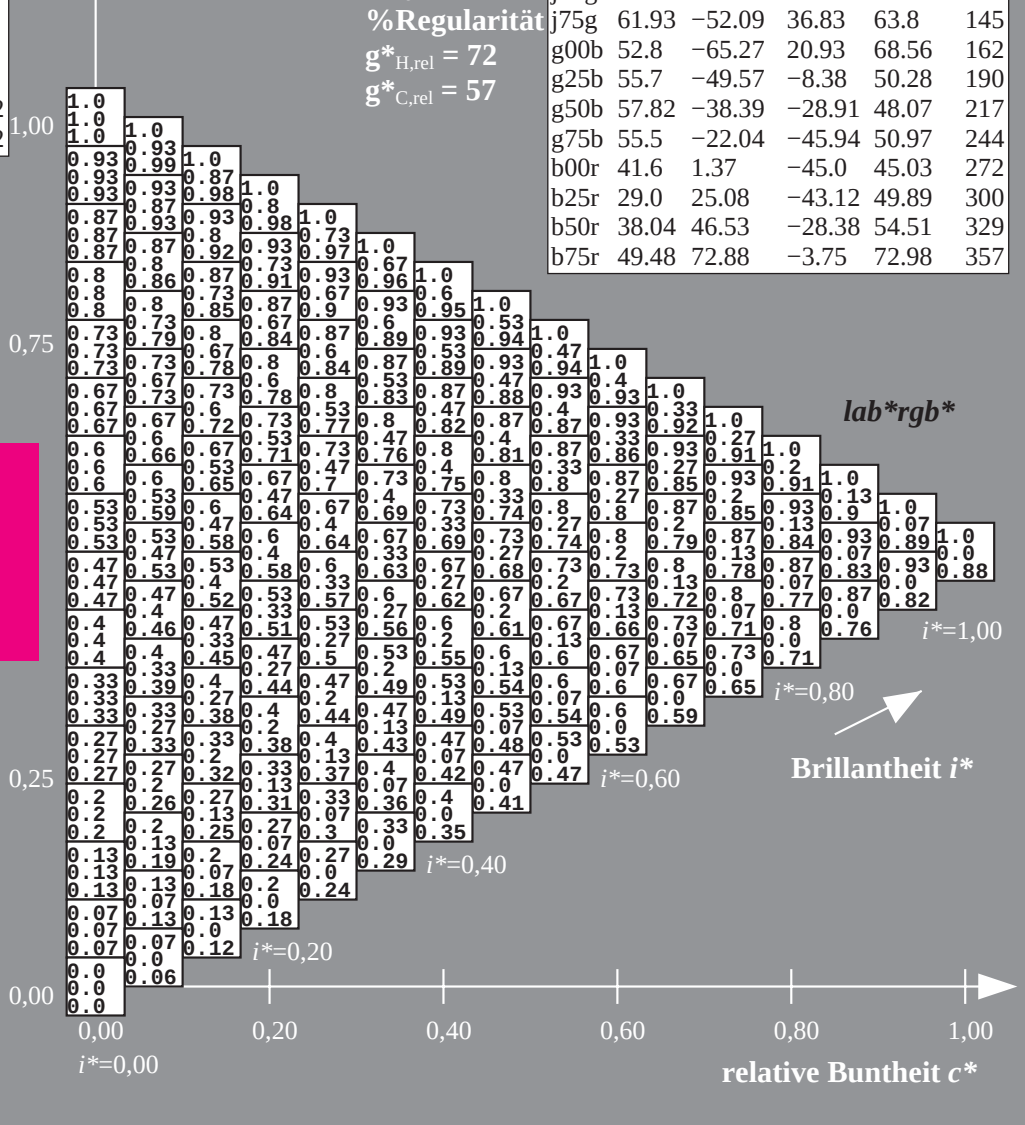
ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

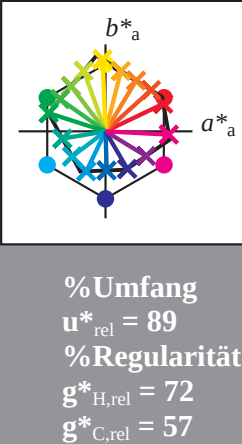
$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

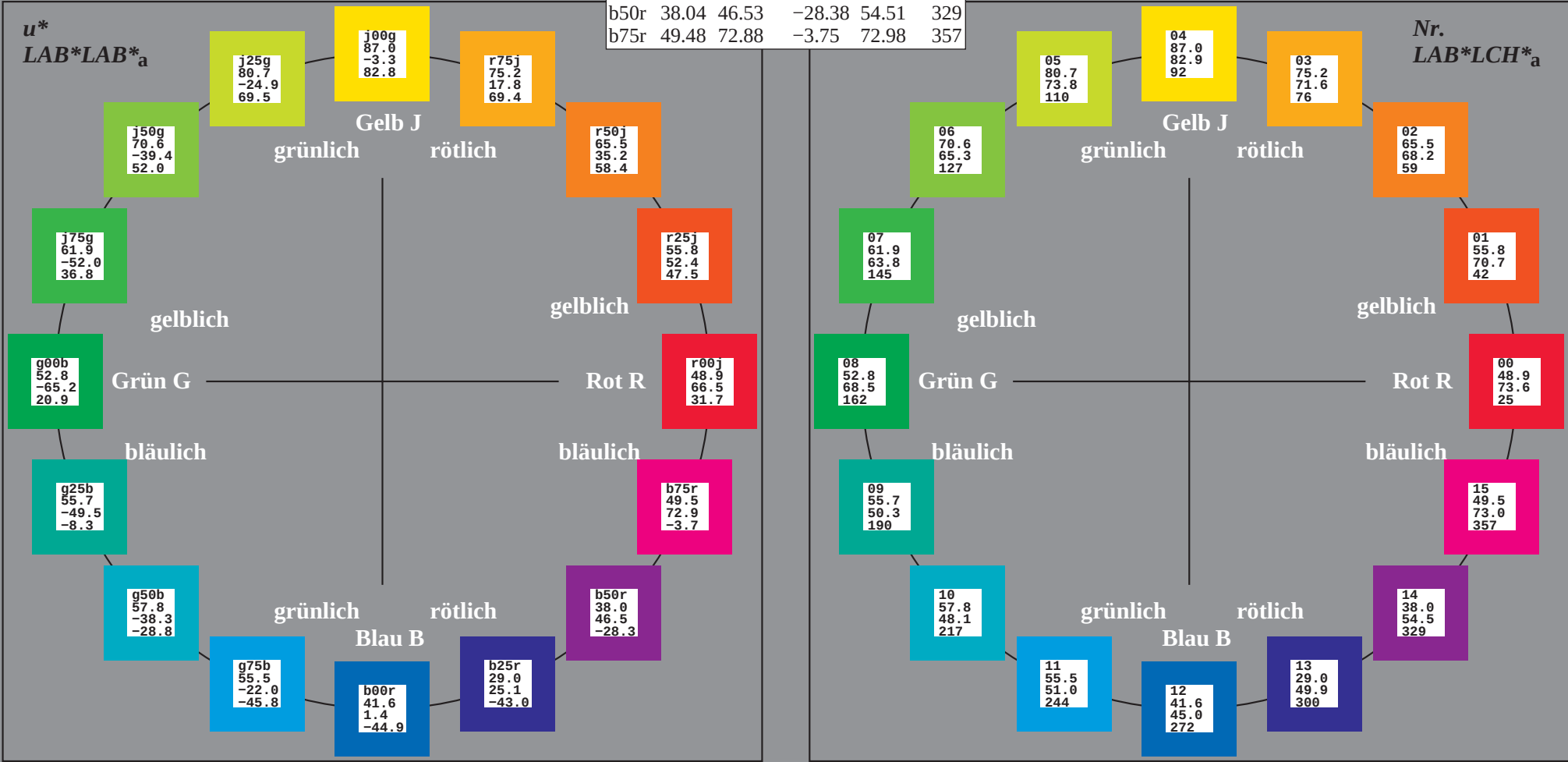
$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


Ein und Ausgabe:
Farbmetrisches Drucker-Reflektiv-System ORS19_96a
Daten für jede Farbe:
lab*tch* und lab*icu*
Elementar-Bunttontext:
u* = 16 Buntttöne r00j, r25j, ..., b75r
Kontrastreduzierungsfaktor:
c_R = 1.0

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



$$u^* = r25j$$

Daten für Maximalfarbe (Ma):

*LAB*LAB*_a*

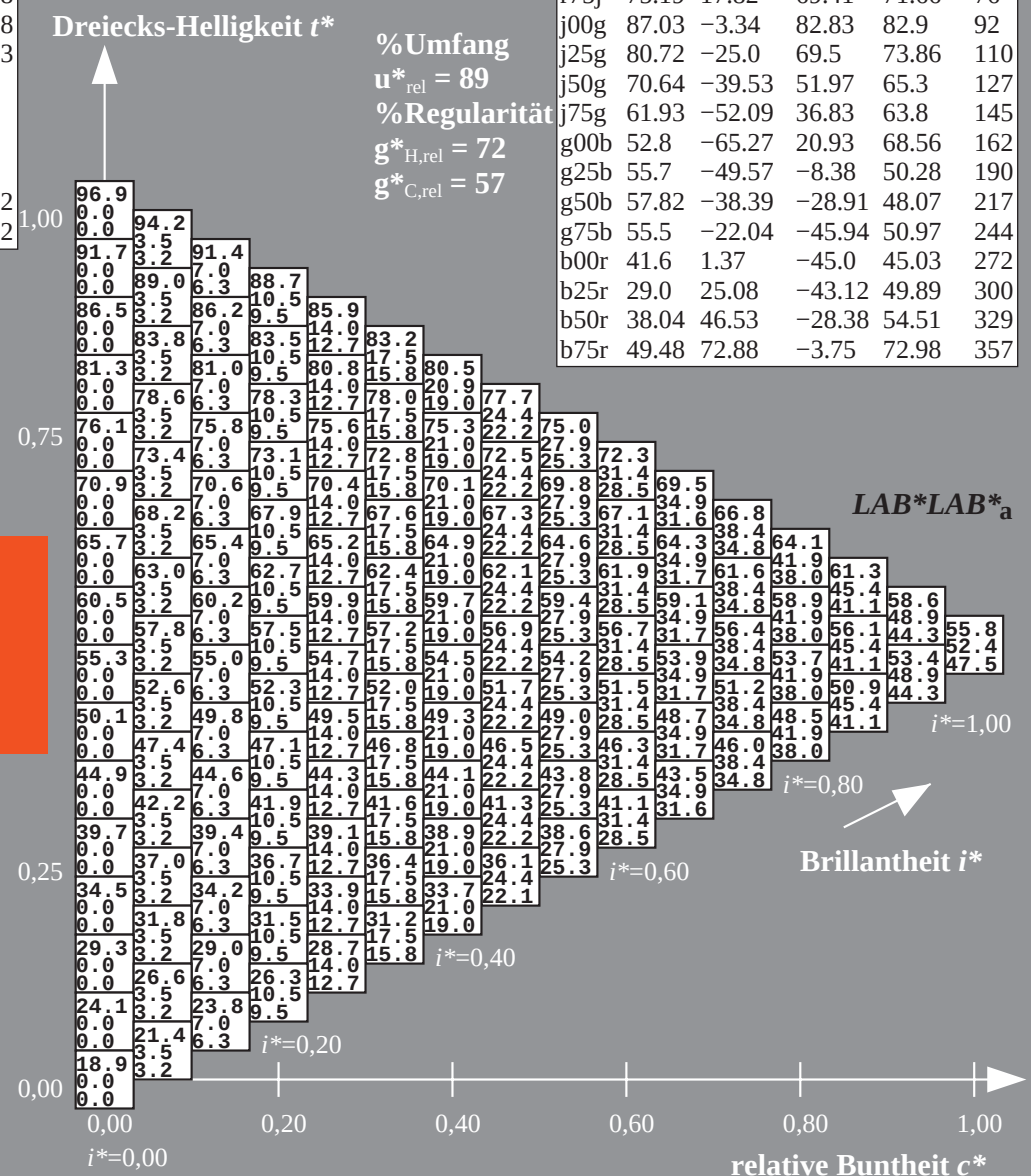
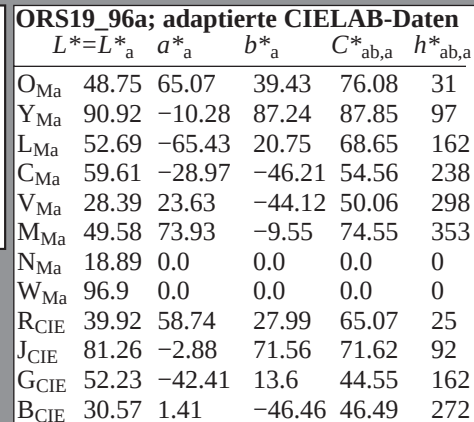
$LAB*LAB*M_2: 56 \ 52 \ 47$

LAB*LCH*Ma: 56 71 42

$$lab*rah*_M2: 1.0 \ 0.25 \ 0.0$$

***lab*olv**_{Ma}: 1.0 0.17 0.0**

Dreiecks-Helligkeit t^*



$$u^* = r50j$$

*LAB*LAB**_a

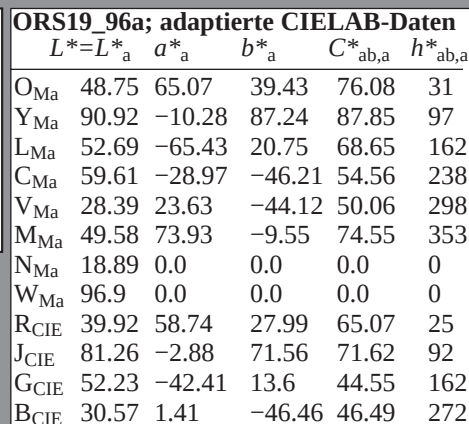
CIELAB-Daten

67 73.63 25

48	70.7	42
27	69.17	50

37	68.17	59
41	71.66	76

83 82.9 92



*LAB*LAB**_a

CIELAB-Daten

	$\subseteq$	$\supset$	$\subseteq$	$\supset$
67	73	63	25	

48 70.7 42

37	68.17	59
41	71.66	76

83 82.9 92

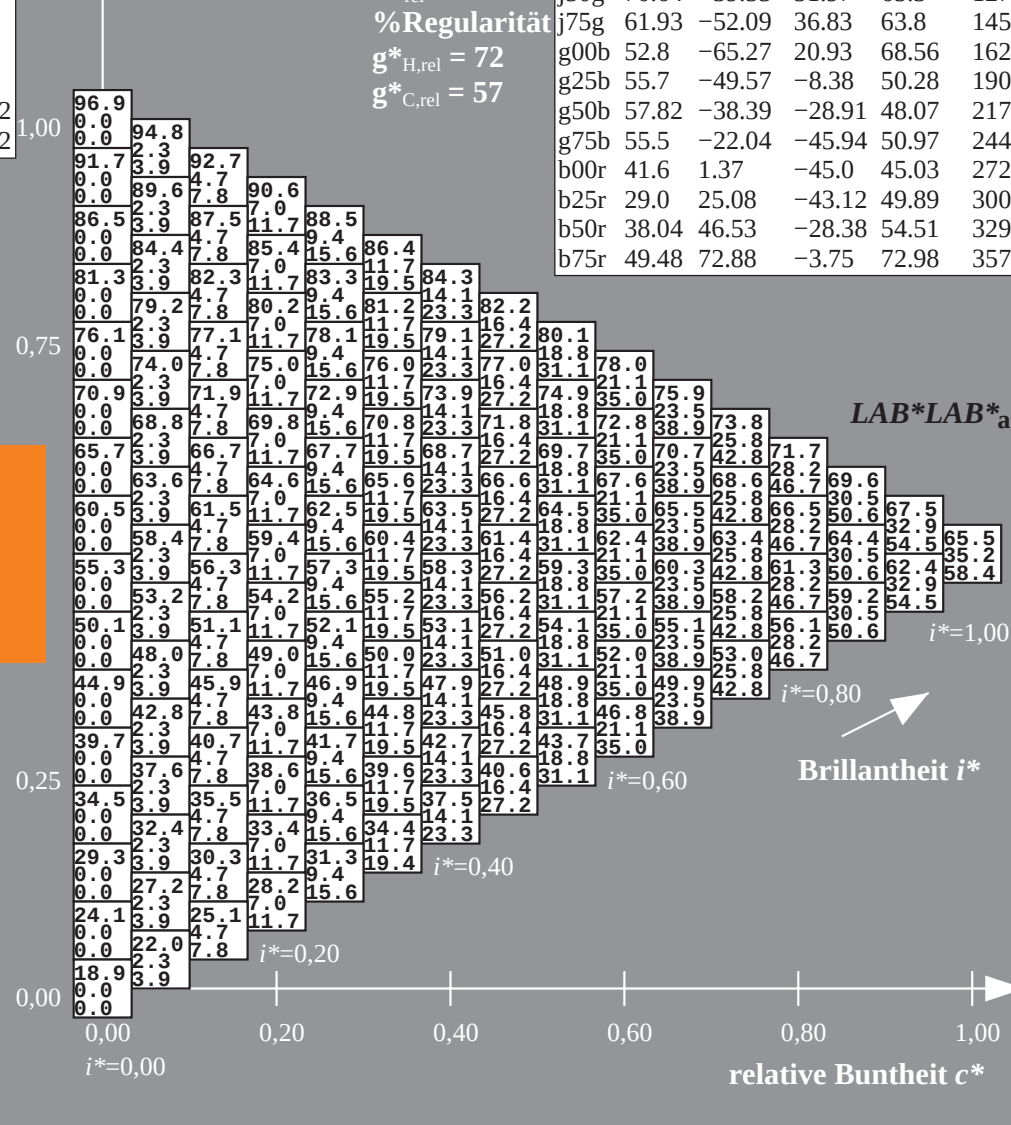
83	82.9	92
5	73.86	110

97	65.3	127
----	------	-----

83	63.8	145
----	------	-----

93 68.56 162

38	50.28	190
39	49.07	215



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 75 18 69

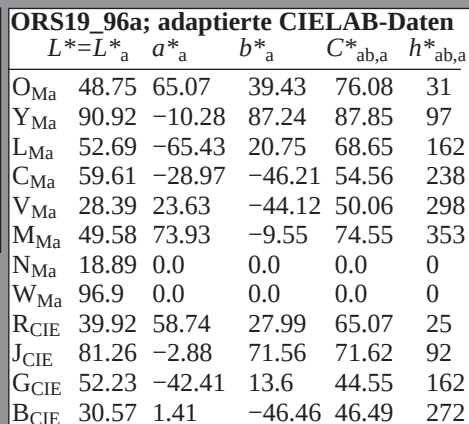
LAB*LCH*Ma: 75 72 76

*lab*rgb*_Ma: 1.0 0.75 0.0*

lab*oly*Ma: 1.0 0.63 0.0

Dreiecks-Helligkeit t^*

Dreiecks-Helligkeit t^*

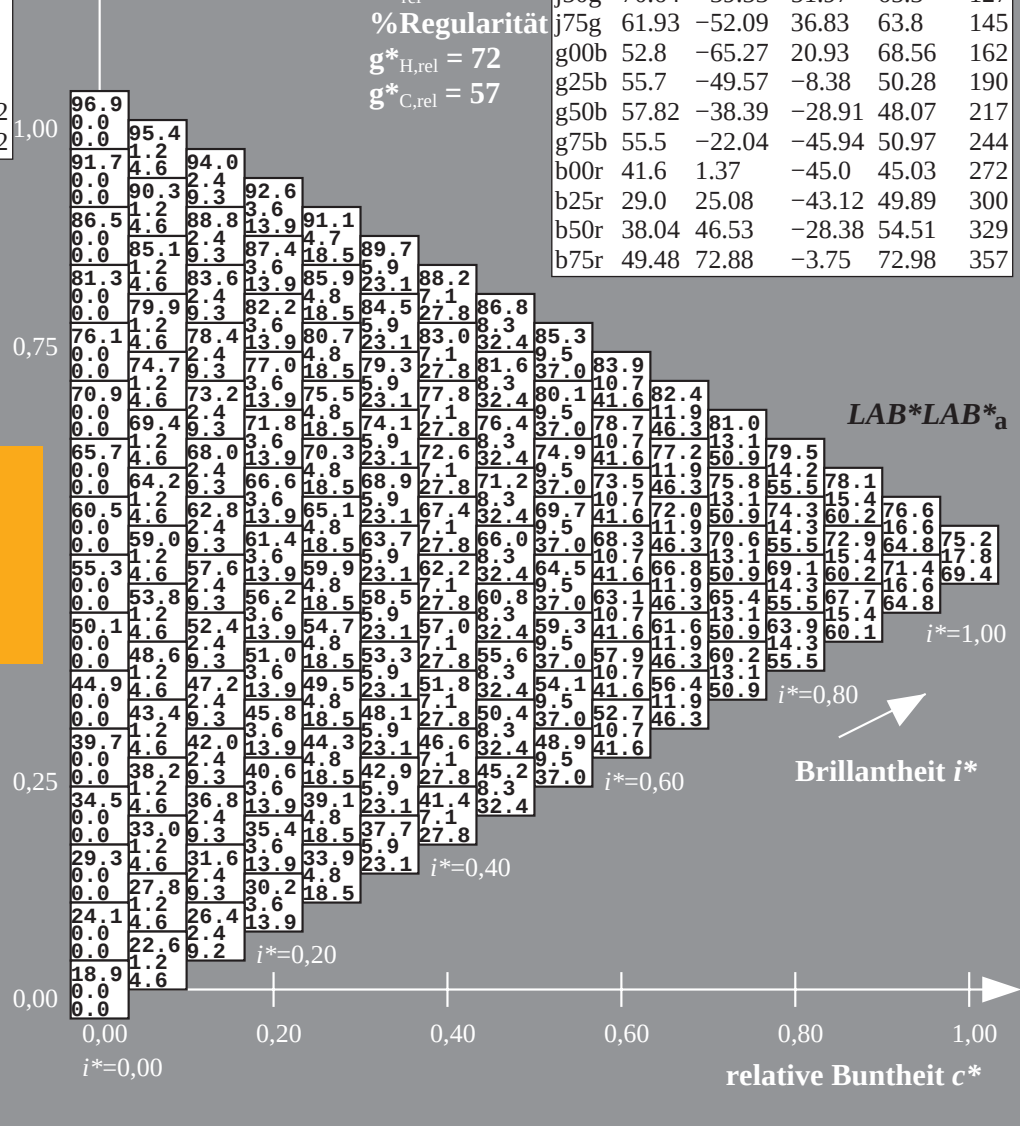


Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g_{C,rel}^* = 57$$


*LAB*LAB**_a

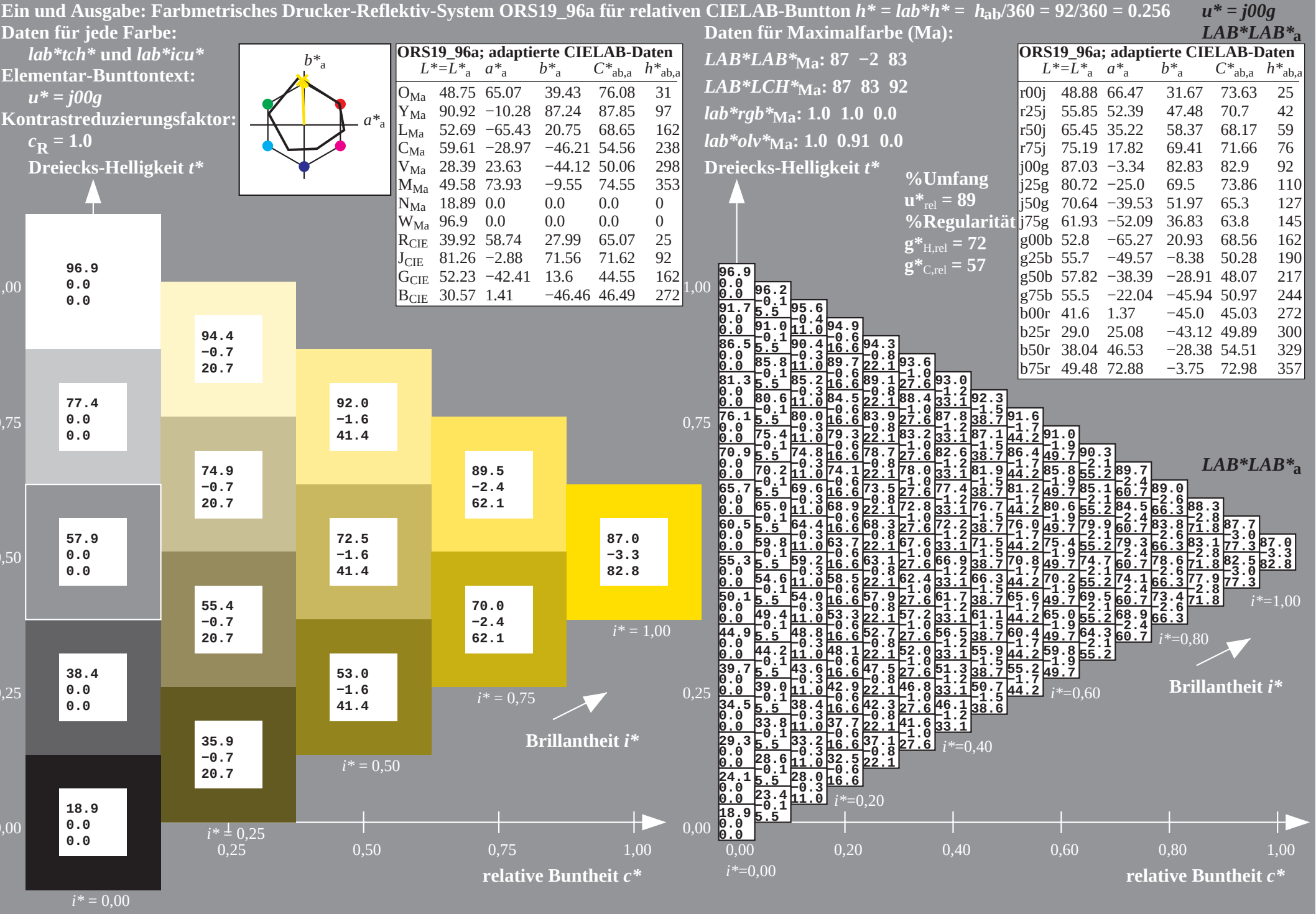
ORS19_96a; adaptierte CIELAB-Daten
 $L^* = \bar{L}_a$ a^*_a b^*_a $C^*_{ab,a}$ $h^*_{ab,a}$

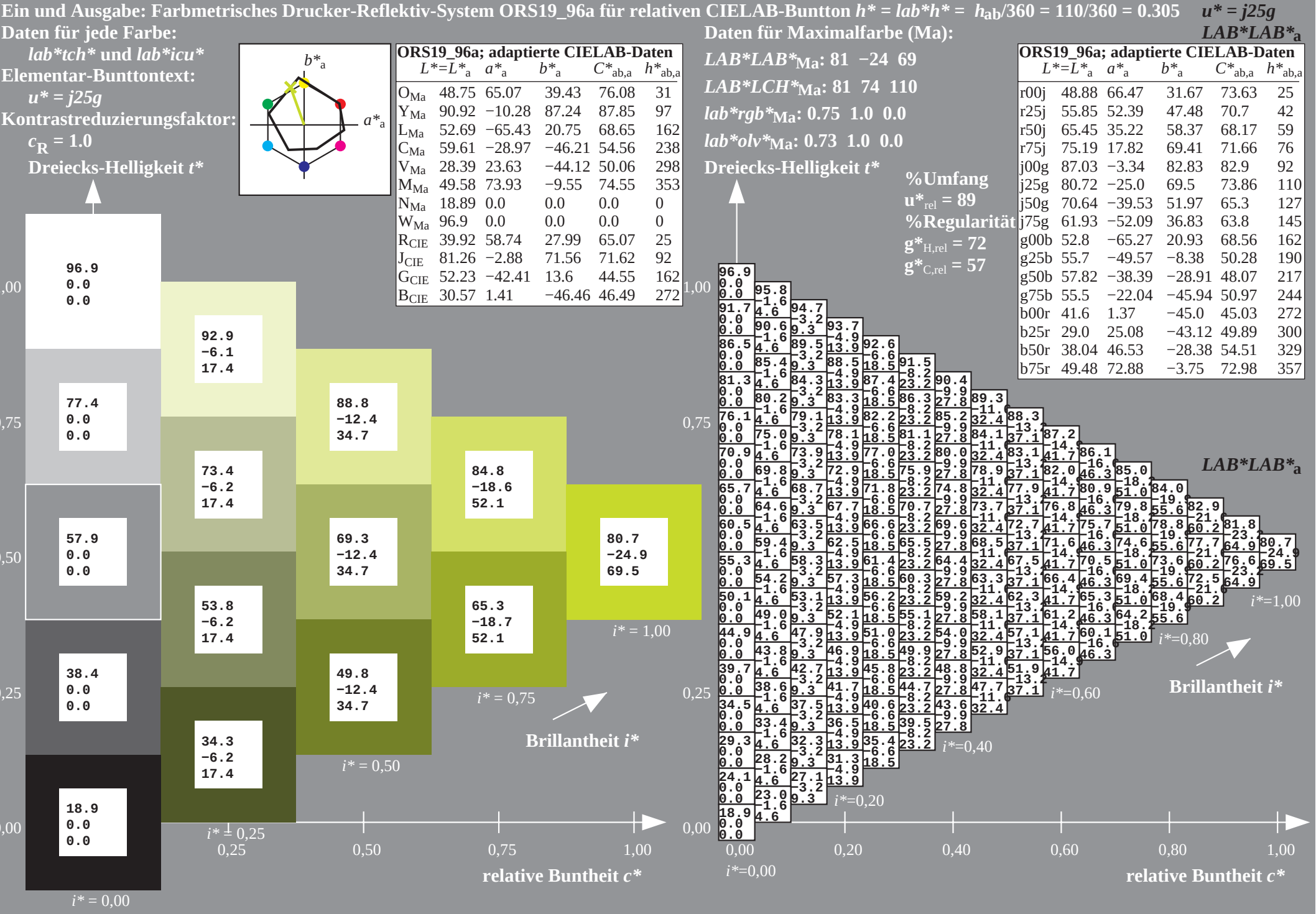
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357

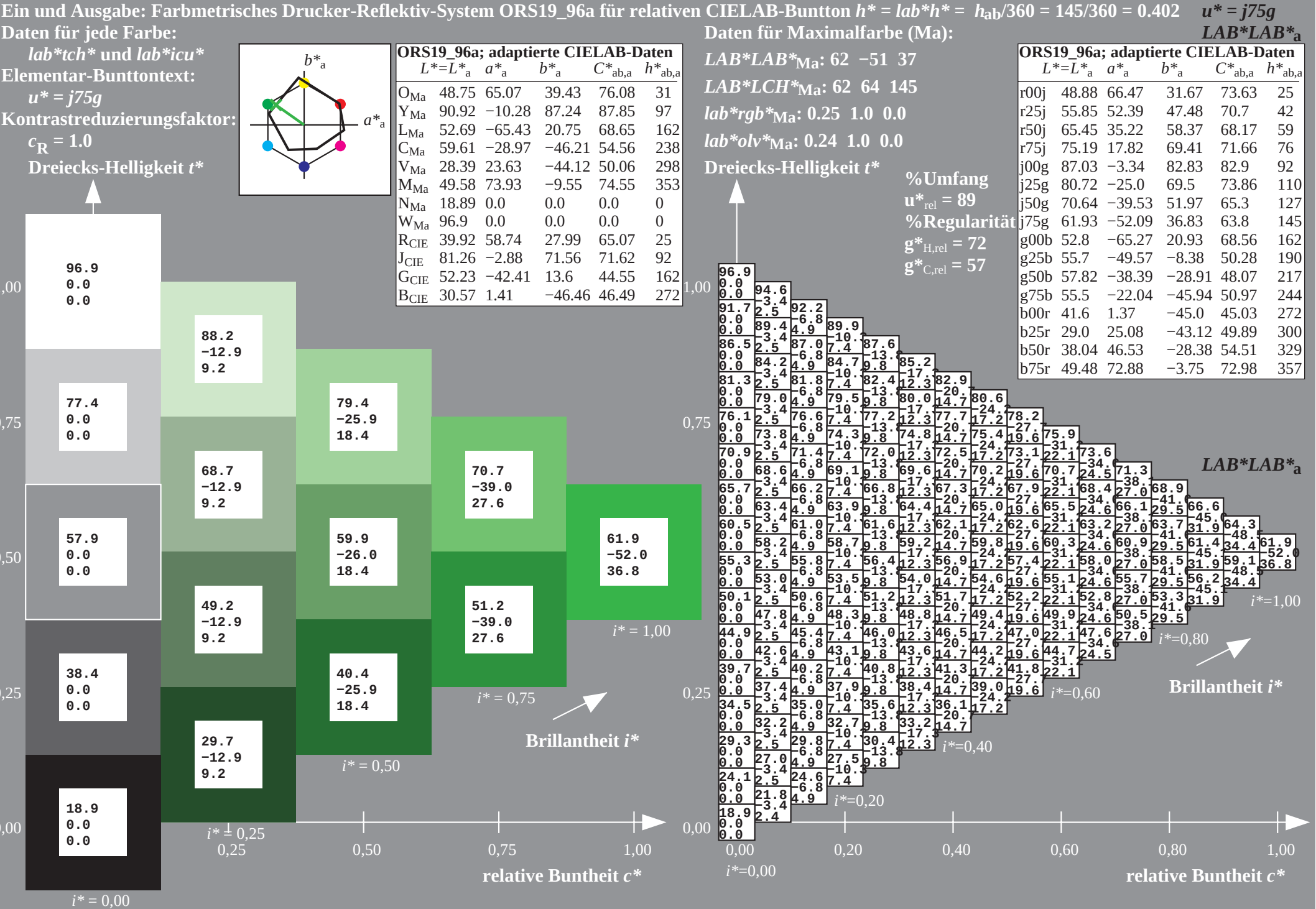
*LAB*LAB**_a

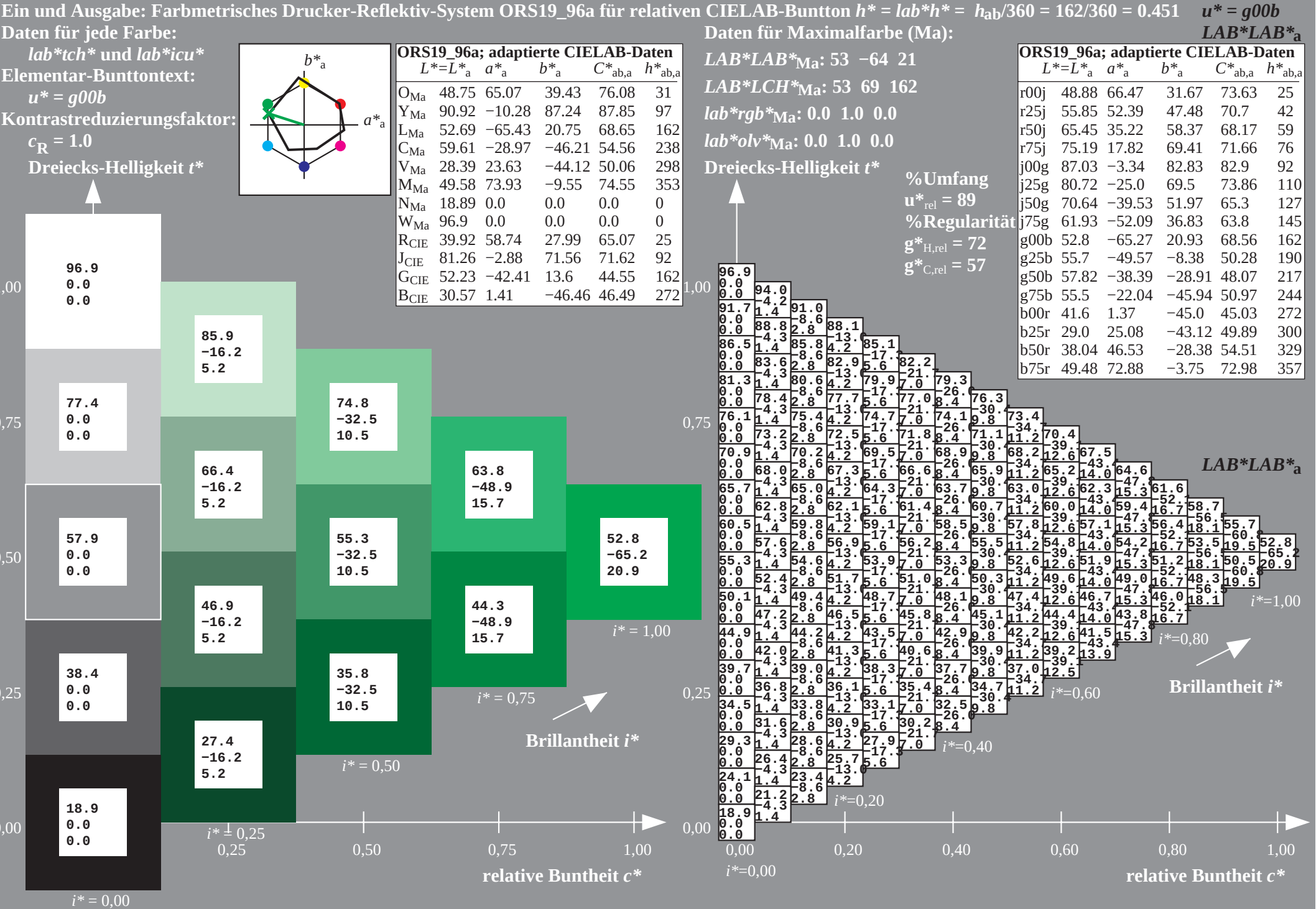
$$i^*=1,00$$

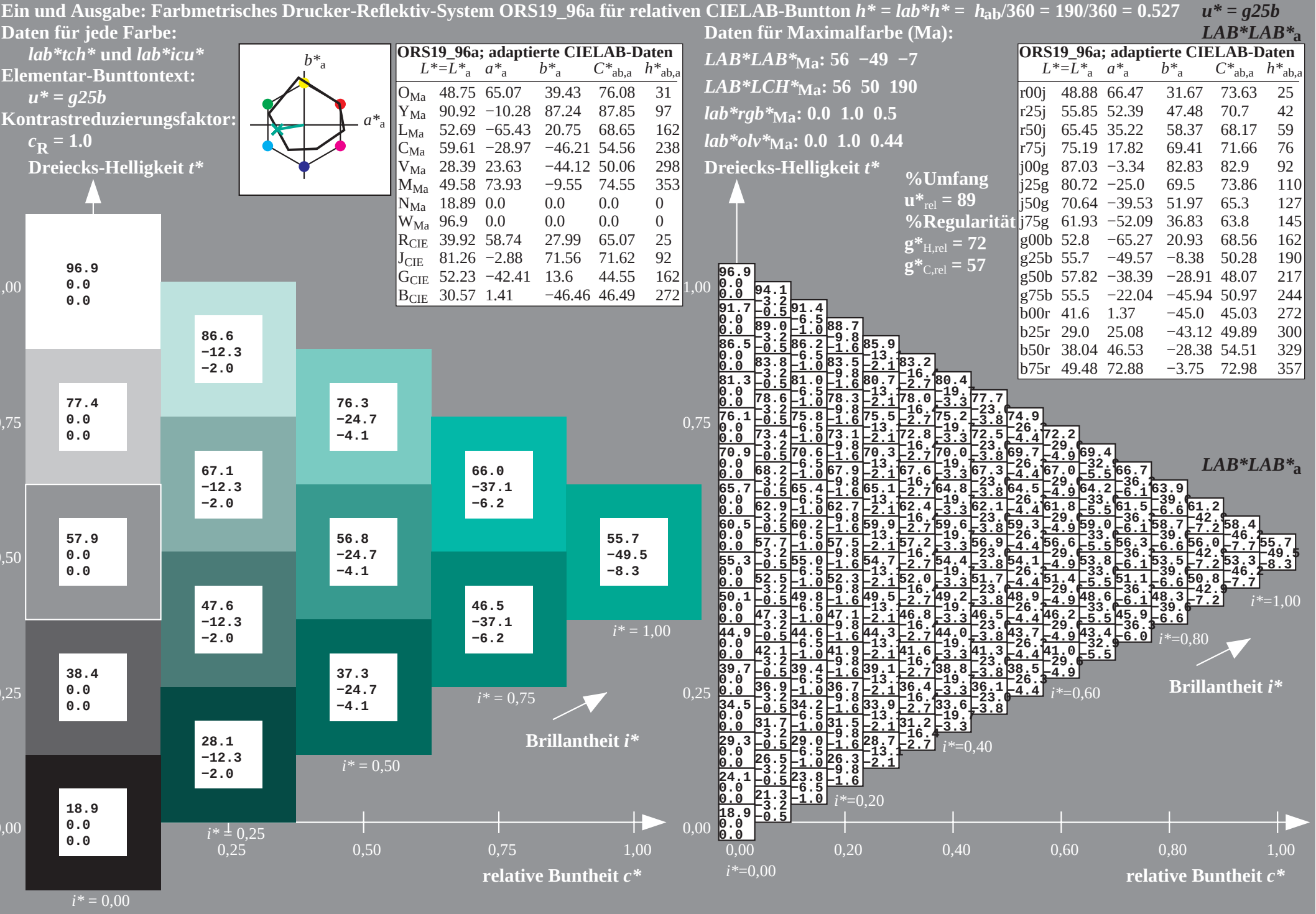
Brillantheit i^*



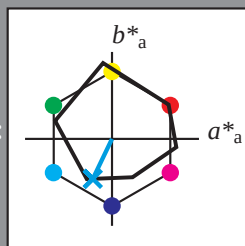




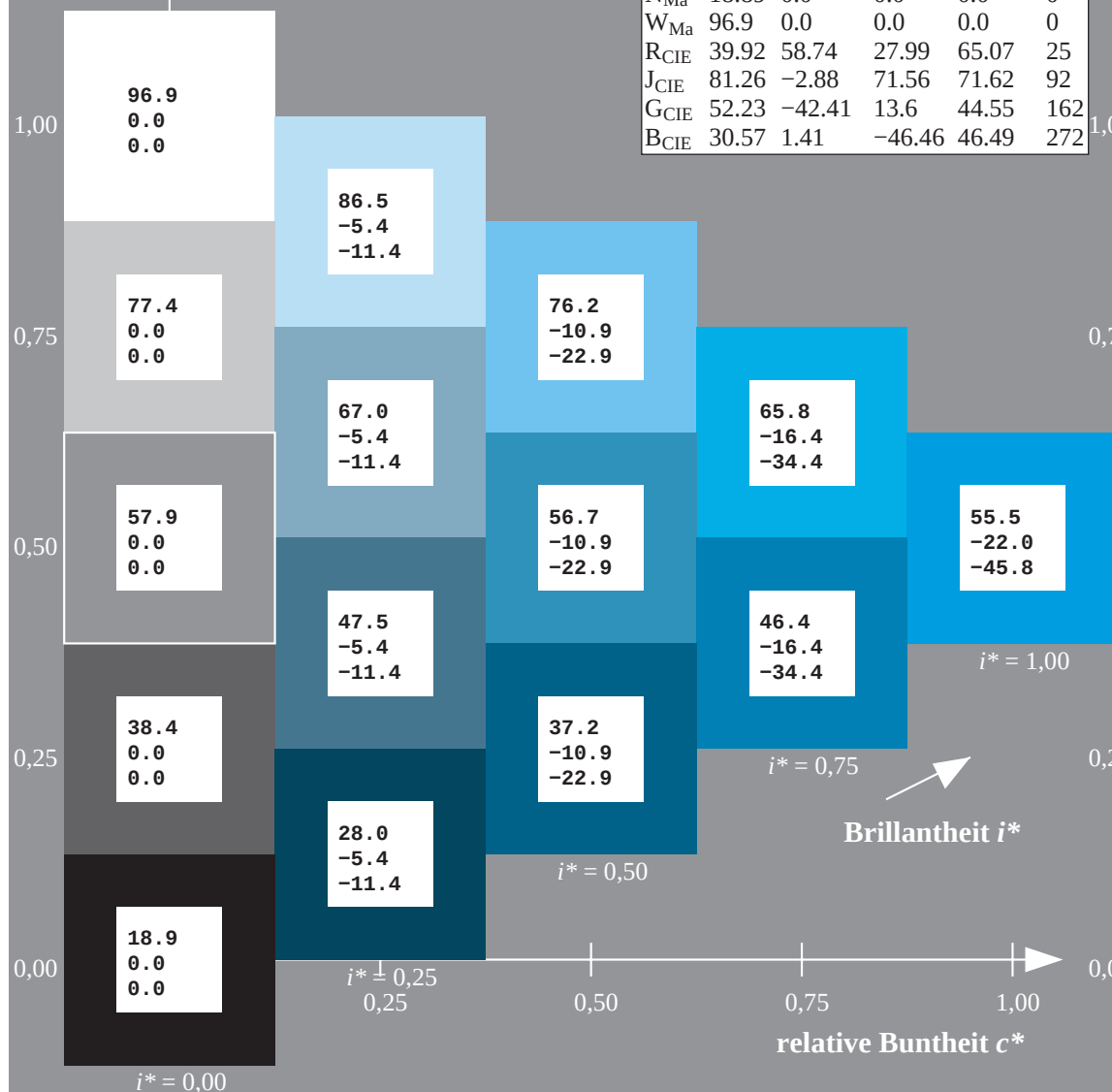




Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



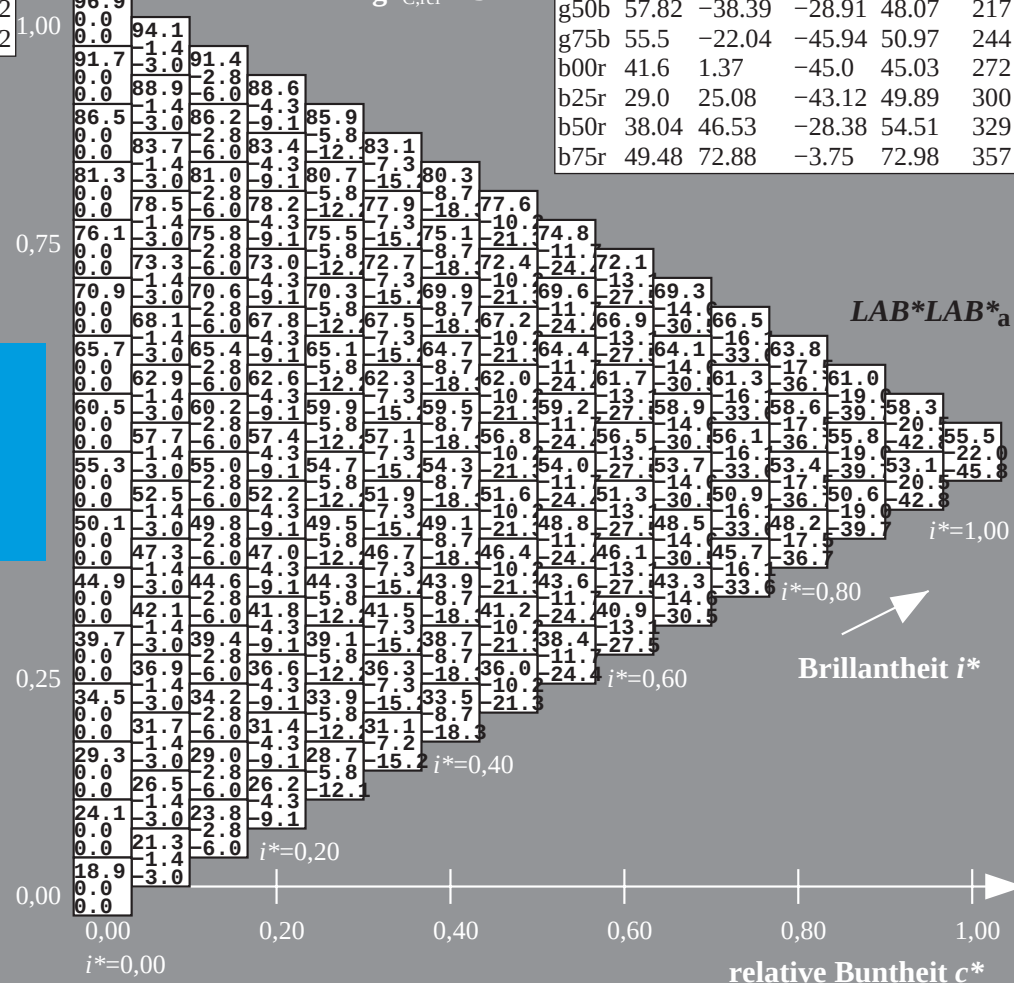
lab*olv*_Ma: 0.0 0.87 1.0

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C_{rel}} = 57$$


in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$ $u^* = b00r$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 42 1 -44

LAB*LCH*Ma: 42 45 272

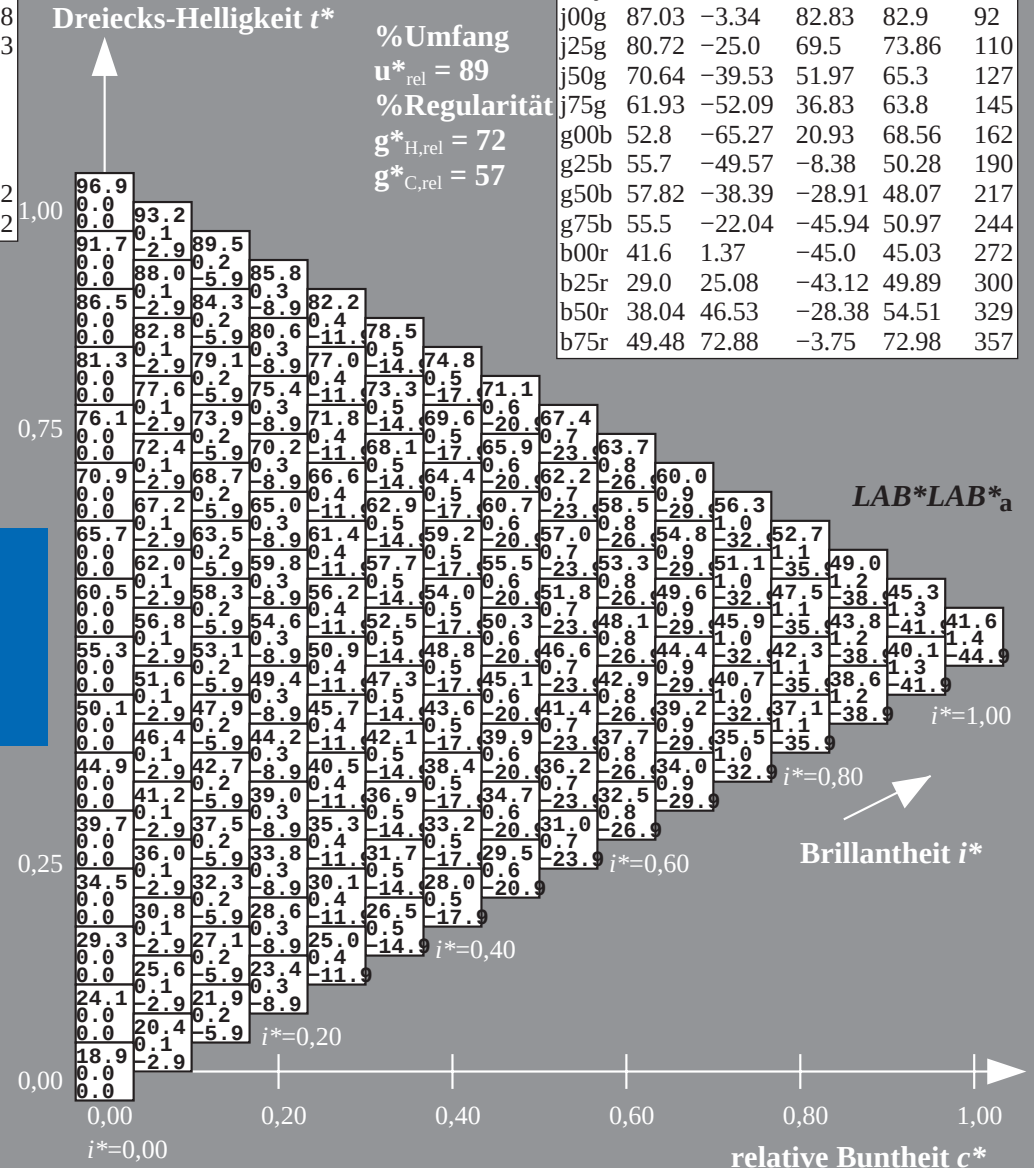
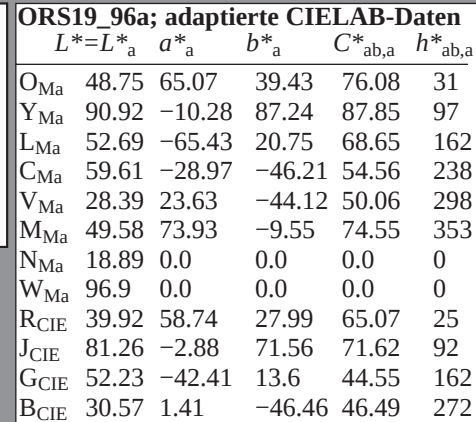
lab*rgb*_{Ma}: 0.0 0.0 1.0

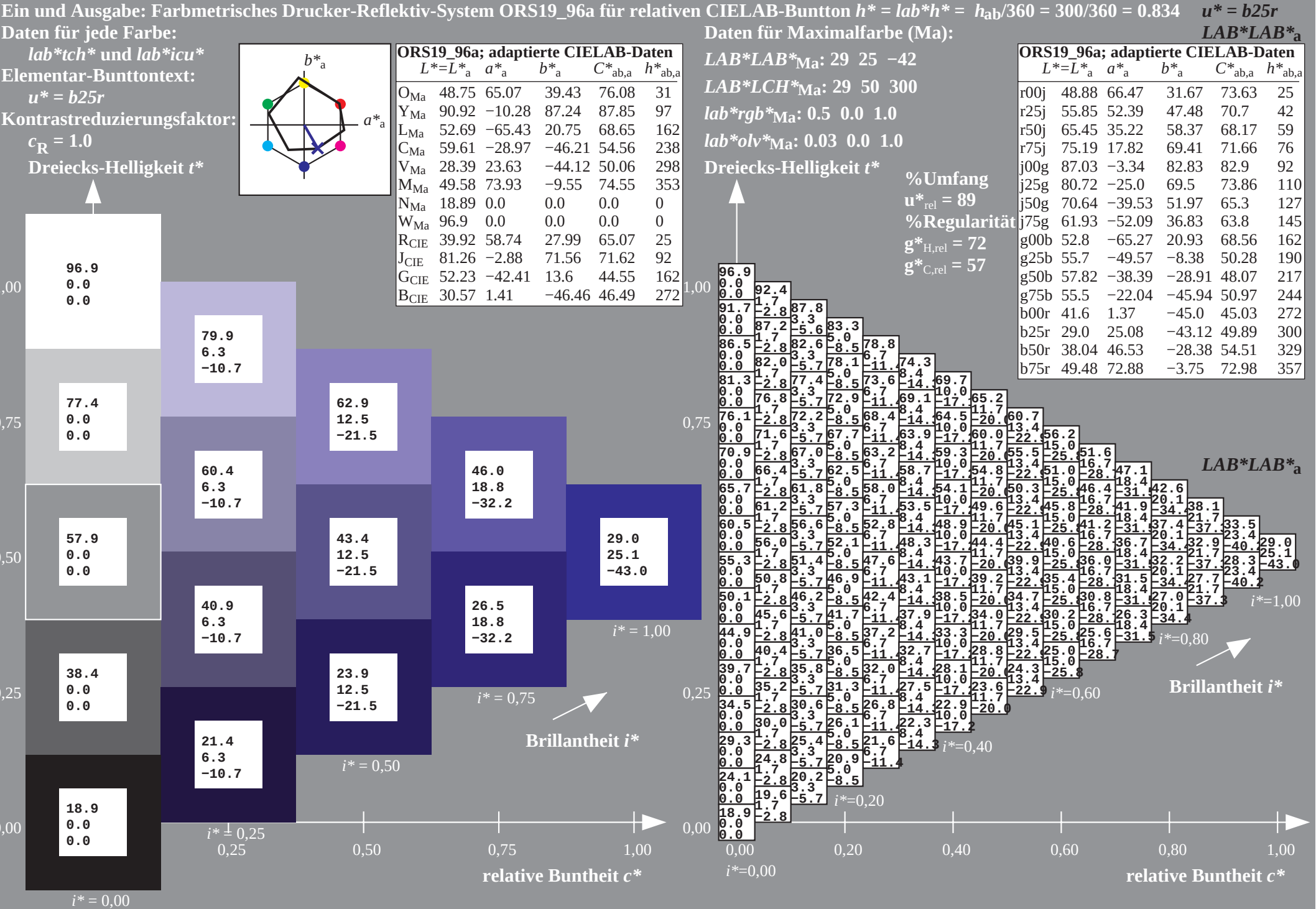
lab*olv*Ma: 0.0 0.42 1.0

Dreiecks-Helligkeit t^*

Dreiecks-Helligkeit t^*

▲





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in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$ $u^* = b50r$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 38 47 -27

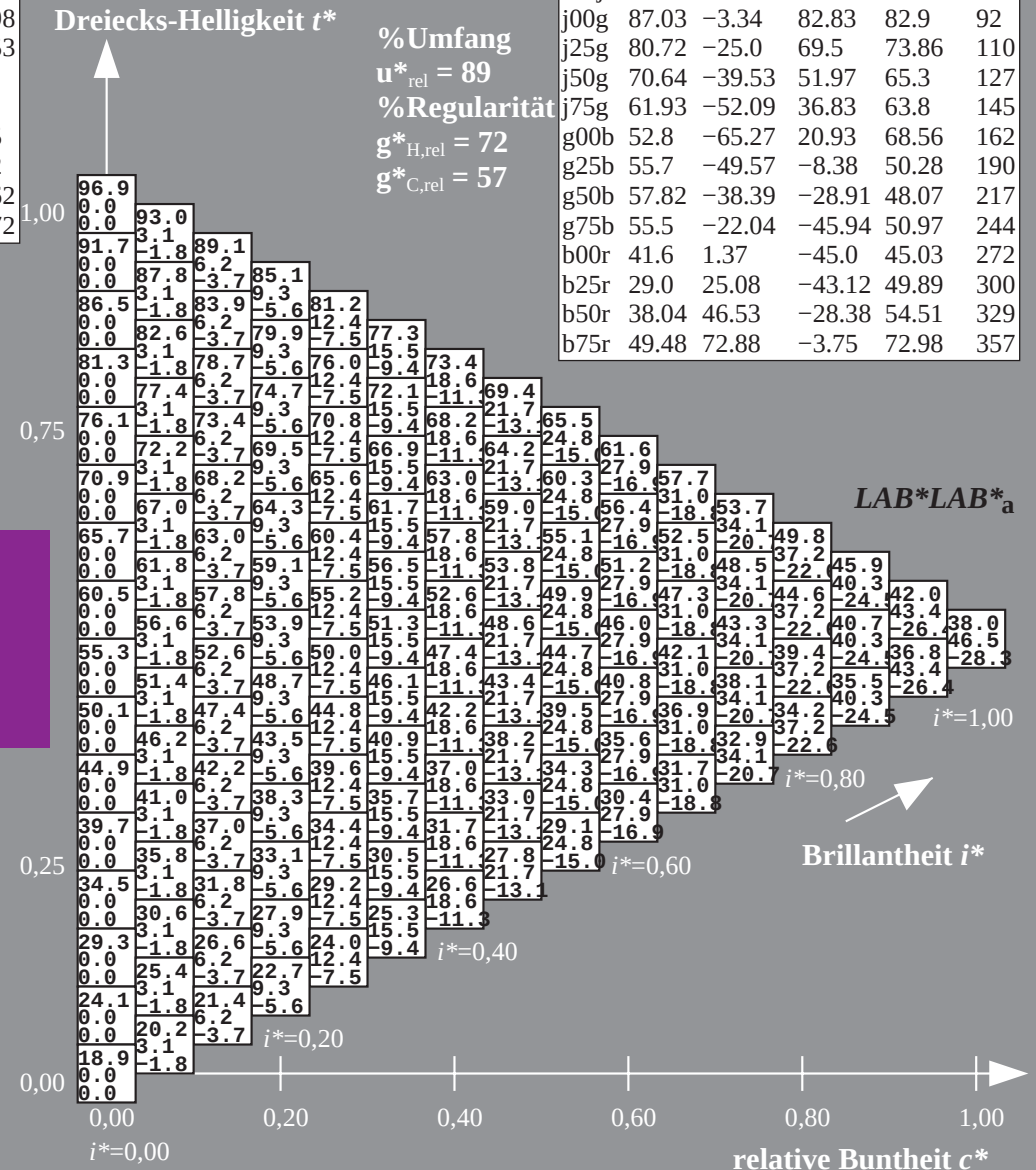
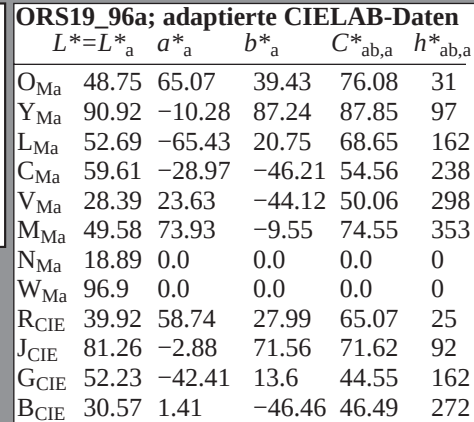
LAB*LCH*_{Ma}: 38 55 329

*lab*rah**M₂: 1.0 0.0 1.0

*lab*rgb*_{Ma}: 1.0 0.0 1.0

lab*olv*Ma: 0.46 0.0 1.0

Dreiecks-Helligkeit t^*



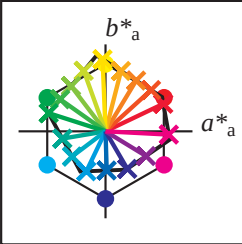
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$$i^* = 0,00$$

		A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*a																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
01	0	18.9	23.1	27.3	31.6	35.8	40.0	44.2	48.5	52.7	56.9	61.1	65.3	69.5	73.7	77.9	82.1	86.3	90.5	94.7	98.9	103.1	107.3	111.5	115.7	119.9	124.1	128.3	132.5	136.7	140.9	145.1	149.3	153.5	157.7	161.9	166.1	170.3	174.5	178.7	182.9	187.1	191.3	195.5	199.7	203.9	208.1	212.3	216.5	220.7	224.9	229.1	233.3	237.5	241.7	245.9	250.1	254.3	258.5	262.7	266.9	271.1	275.3	279.5	283.7	287.9	292.1	296.3	300.5	304.7	308.9	313.1	317.3	321.5	325.7	329.9	334.1	338.3	342.5	346.7	350.9	355.1	359.3	363.5	367.7	371.9	376.1	380.3	384.5	388.7	392.9	397.1	401.3	405.5	409.7	413.9	418.1	422.3	426.5	430.7	434.9	439.1	443.3	447.5	451.7	455.9	460.1	464.3	468.5	472.7	476.9	481.1	485.3	489.5	493.7	497.9	502.1	506.3	510.5	514.7	518.9	523.1	527.3	531.5	535.7	539.9	544.1	548.3	552.5	556.7	560.9	565.1	569.3	573.5	577.7	581.9	586.1	590.3	594.5	598.7	602.9	607.1	611.3	615.5	619.7	623.9	628.1	632.3	636.5	640.7	644.9	649.1	653.3	657.5	661.7	665.9	670.1	674.3	678.5	682.7	686.9	691.1	695.3	699.5	703.7	707.9	712.1	716.3	720.5	724.7	728.9	733.1	737.3	741.5	745.7	749.9	754.1	758.3	762.5	766.7	770.9	775.1	779.3	783.5	787.7	791.9	796.1	800.3	804.5	808.7	812.9	817.1	821.3	825.5	829.7	833.9	838.1	842.3	846.5	850.7	854.9	859.1	863.3	867.5	871.7	875.9	880.1	884.3	888.5	892.7	896.9	901.1	905.3	909.5	913.7	917.9	922.1	926.3	930.5	934.7	938.9	943.1	947.3	951.5	955.7	959.9	964.1	968.3	972.5	976.7	980.9	985.1	989.3	993.5	997.7	1001.9	1006.1	1010.3	1014.5	1018.7	1022.9	1027.1	1031.3	1035.5	1039.7	1043.9	1048.1	1052.3	1056.5	1060.7	1064.9	1069.1	1073.3	1077.5	1081.7	1085.9	1090.1	1094.3	1098.5	1102.7	1106.9	1111.1	1115.3	1119.5	1123.7	1127.9	1132.1	1136.3	1140.5	1144.7	1148.9	1153.1	1157.3	1161.5	1165.7	1169.9	1174.1	1178.3	1182.5	1186.7	1190.9	1195.1	1199.3	1203.5	1207.7	1211.9	1216.1	1220.3	1224.5	1228.7	1232.9	1237.1	1241.3	1245.5	1249.7	1253.9	1258.1	1262.3	1266.5	1270.7	1274.9	1279.1	1283.3	1287.5	1291.7	1295.9	1300.1	1304.3	1308.5	1312.7	1316.9	1321.1	1325.3	1329.5	1333.7	1337.9	1342.1	1346.3	1350.5	1354.7	1358.9	1363.1	1367.3	1371.5	1375.7	1379.9	1384.1	1388.3	1392.5	1396.7	1400.9	1405.1	1409.3	1413.5	1417.7	1421.9	1426.1	1430.3	1434.5	1438.7	1442.9	1447.1	1451.3	1455.5	1459.7	1463.9	1468.1	1472.3	1476.5	1480.7	1484.9	1489.1	1493.3	1497.5	1501.7	1505.9	1510.1	1514.3	1518.5	1522.7	1526.9	1531.1	1535.3	1539.5	1543.7	1547.9	1552.1	1556.3	1560.5	1564.7	1568.9	1573.1	1577.3	1581.5	1585.7	1589.9	1594.1	1598.3	1602.5	1606.7	1610.9	1615.1	1619.3	1623.5	1627.7	1631.9	1636.1	1640.3	1644.5	1648.7	1652.9	1657.1	1661.3	1665.5	1669.7	1673.9	1678.1	1682.3	1686.5	1690.7	1694.9	1699.1	1703.3	1707.5	1711.7	1715.9	1720.1	1724.3	1728.5	1732.7	1736.9	1741.1	1745.3	1749.5	1753.7	1757.9	1762.1	1766.3	1770.5	1774.7	1778.9	1783.1	1787.3	1791.5	1795.7	1799.9	1804.1	1808.3	1812.5	1816.7	1820.9	1825.1	1829.3	1833.5	1837.7	1841.9	1846.1	1850.3	1854.5	1858.7	1862.9	1867.1	1871.3	1875.5	1879.7	1883.9	1888.1	1892.3	1896.5	1900.7	1904.9	1909.1	1913.3	1917.5	1921.7	1925.9	1930.1	1934.3	1938.5	1942.7	1946.9	1951.1	1955.3	1959.5	1963.7	1967.9	1972.1	1976.3	1980.5	1984.7	1988.9	1993.1	1997.3	2001.5	2005.7	2009.9	2014.1	2018.3	2022.5	2026.7	2030.9	2035.1	2039.3	2043.5	2047.7	2051.9	2056.1	2060.3	2064.5	2068.7	2072.9	2077.1	2081.3	2085.5	2089.7	2093.9	2098.1	2102.3	2106.5	2110.7	2114.9	2119.1	2123.3	2127.5	2131.7	2135.9	2140.1	2144.3	2148.5	2152.7	2156.9	2161.1	2165.3	2169.5	2173.7	2177.9	2182.1	2186.3	2190.5	2194.7	2198.9	2203.1	2207.3	2211.5	2215.7	2219.9	2224.1	2228.3	2232.5	2236.7	2240.9	2245.1	2249.3	2253.5	2257.7	2261.9	2266.1	2270.3	2274.5	2278.7	2282.9	2287.1	2291.3	2295.5	2299.7	2303.9	2308.1	2312.3	2316.5	2320.7	2324.9	2329.1	2333.3	2337.5	2341.7	2345.9	2350.1	2354.3	2358.5	2362.7	2366.9	2371.1	2375.3	2379.5	2383.7	2387.9	2392.1	2396.3	2400.5	2404.7	2408.9	2413.1	2417.3	2421.5	2425.7	2429.9	2434.1	2438.3	2442.5	2446.7	2450.9	2455.1	2459.3	2463.5	2467.7	2471.9	2476.1	2480.3	2484.5	2488.7	2492.9	2497.1	2501.3	2505.5	2509.7	2513.9	2518.1	2522.3	2526.5	2530.7	2534.9	2539.1	2543.3	2547.5	2551.7	2555.9	2560.1	2564.3	2568.5	2572.7	2576.9	2581.1	2585.3	2589.5	2593.7	2597.9	2602.1	2606.3	2610.5	2614.7	2618.9	2623.1	2627.3	2631.5	2635.7	2639.9	2644.1	2648.3	2652.5	2656.7	2660.9	2665.1	2669.3	2673.5	2677.7	2681.9	2686.1	2690.3	2694.5	2698.7	2702.9	2707.1	2711.3	2715.5	2719.7	2723.9	2728.1	2732.3	2736.5	2740.7	2744.9	2749.1	2753.3	2757.5	2761.7	2765.9	2770.1	2774.3	2778.5	2782.7	2786.9	2791.1	2795.3	2799.5	2803.7	2807.9	2812.1	2816.3	2820.5	2824.7	2828.9	2833.1	2837.3	2841.5	2845.7	2849.9	2854.1	2858.3	2862.5	2866.7	2870.9	2875.1	2879.3	2883.5	2887.7	2891.9	2896.1	2900.3	2904.5	2908.7	2912.9	2917.1	2921.3	2925.5	2929.7	2933.9	2938.1	2942.3	2946.5	2950.7	2954.9	2959.1	2963.3	2967.5	2971.7	2975.9	2980.1	2984.3	2988.5	2992.7	2996.9	3001.1	3005.3	3009.5	3013.7	3017.9	3022.1	3026.3	3030.5	3034.7	3038.9	3043.1	3047.3	3051.5	3055.7	3059.9	3064.1	3068.3	3072.5	3076.7	3080.9	3085.1	3089.3	3093.5	3097.7	3101.9	3106.1	3110.3	3114.5	3118.7	3122.9	3127.1	3131.3	3135.5	3139.7	3143.9	3148.1	3152.3	3156.5	3160.7	3164.9	3169.1	3173.3	3177.5	3181.7	3185.9	3190.1	3194.3	3198.5	3202.7	3206.9	3211.1	3215.3	3219.5	3223.7	3227.9	3232.1	3236.3	3240.5	3244.7	3248.9	3253.1	3257.3	3261.5	3265.7	3269.9	3274.1	3278.3	3282.5	3286.7	3290.9	3295.1	3299.3	3303.5	3307.7	3311.9	3316.1	3320.3	3324.5	3328.7	3332.9	3337.1	3341.3	3345.5	3349.7	3353.9	3358.1	3362.3	3366.5	3370.7	3374.9	3379.1	3383.3	3387.5	3391.7	3395.9	3400.1	3404.3	3408.5	3412.7	3416.9	3421.1	3425.3	3429.5	3433.7	3437.9	3442.1	3446.3	3450.5	3454.7	3458.9	3463.1	3467.3	3471.5	3475.7	3479.9	3484.1	3488.3	3492.5	3496.7	3500.9	3505.1	3509.3	3513.5	3517.7	3521.9	3526.1	3530.3	3534.5	3538.7	3542.9	3547.1	3551.3	3555.5	3559.7	3563.9	3568.1	3572.3	3576.5	3580.7	3584.9	3589.1	3593.3	3597.5	3601.7	3605.9	3610.1	3614.3	3618.5	3622.7	3626.9	3631.1	3635.3	3639.5	3643.7	3647.9	3652.1	3656.3	3660.5	3664.7	3668.9	3673.1	3677.3	3681.5	3685.7	3689.9	3694.1	3698.3	3702.5	3706.7	3710.9	3715.1	3719.3	3723.5	3727.7	3731.9	3736.1	3740.3	3744.5	3748.7	3752.9	3757.1	3761.3	3765.5	3769.7	3773.9	3778.1	3782.3	3786.5	3790.7	3794.9	3799.1	3803.3	3807.5	3811.7	3815.9	3820.1	3824.3	3828.5	3832.7	3836.9	3841.1	3845.3	3849.5	3853.7	3857.9	3862.1	3866.3	3870.5	3874.7	3878.9	3883.1	3887.3	3891.5	3895.7	3899.9	3904.1	3908.3	3912.5	3916.7	3920.9	3925.1	3929.3	3933.5	3937.7	3941.9	3946.1	3950.3	3954.5	3958.7	3962.9	3967.1	3971.3	3975.5	3979.7	3983.9	3988.1	3992.3	3996.5	4000.7	4004.9	4009.1	4013.3	4017.5	4021.7	4025.9	4030.1	4034.3	4038.5	4042.7	4046.9	4051.1	4055.3	4059.5	4063.7	4067.9	4072.1	4076.3	4080.5	4084.7	4088.9	4093.1	4097.3	4101.5	4105.7	4109.9	4114.1	4118.3	4122.5	4126.7	4130.9	4135.1	4139.3	4143.5	4147.7	4151.9	4156.1	4160.3	4164.5	4168.7	4172.9	4177.1	4181.3	4185.5	4189.7	4193.9	4198.1	4202.3	4206.5	4210.7	4214.9	4219.1	4223.3	4227.5	4231.7	4235.9	4240.1	4244.3	4248.5	4252.7	4256.9	4261.1	4265.3	4269.5	4273.7	4277.9	4282.1	4286.3	4290.5	4294.7	4298.9	4303.1	4307.3	4311.5	4315.7	4319.9	4324.1	4328.3	4332.5	4336.7	4340.9	4345.1	4349.3	4353.5	4357.7	4361.9	4366.1	4370.3	4374.5	4378.7	4382.9	4387.1	4391.3	4395.5	4399.7	4403.9	4408.1	4412.3	4416.5	4420.7	4424.9	4429.1	4433.3	4437.5	4441.7	4445.9	4450.1	4454.3	4458.5	4462.7	4466.9	4471.1	4475.3	4479.5	4483.7	4487.9	4492.1	4496.3	4500.5	4504.7	4508.9	4513.1	4517.3	4521.5	4525.7	4529.9	4534.1	4538.3	4542.5	4546.7	4550.9	4555.1	4559.3	4563.5	4567.7	4571.9	4576.1	4580.3	4584.5	4588.7	4592.9	4597.1	4601.3	4605.5	4609.7	4613.9	4618.1	4622.3	4626.5	4630.7	4634.9	4639.1	4643.3	4647.5	4651.7	4655.9	4660.1	4664.3	4668.5	4672.7	4676.9	4681.1	4685.3	4689.5	4693.7	4697.9	4702.1	4706.3	4710.5	4714.7	4718.9	4723.1	4727.3	4731.5</

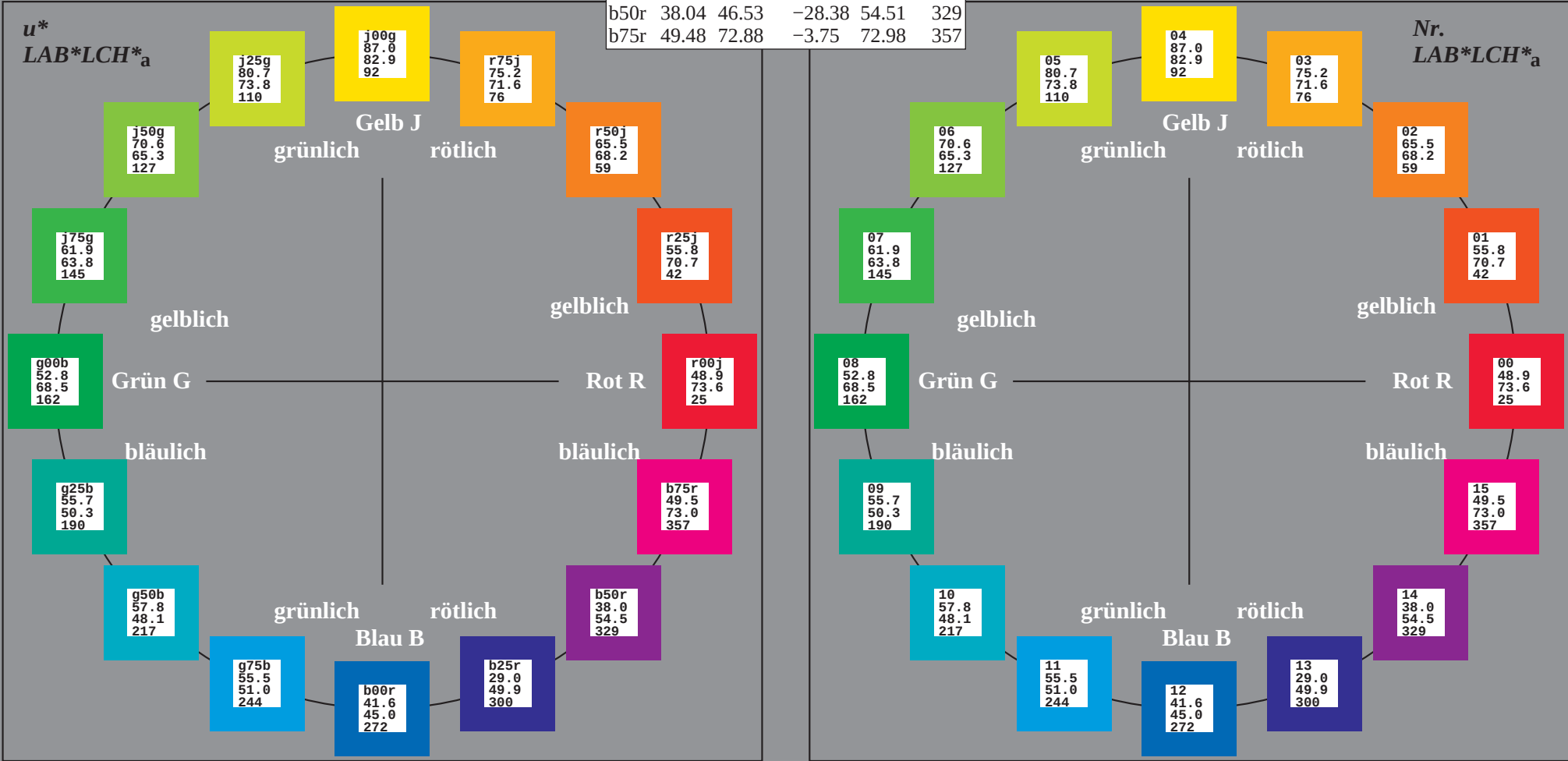
Ein und Ausgabe:
Farbmetrisches Drucker-Reflektiv-System ORS19_96a
Daten für jede Farbe:
*lab*tch* und lab*icu**
Elementar-Bunttontext:
u = 16 Buntttöne r00j, r25j, ..., b75r*
Kontrastreduzierungsfaktor:
c_R = 1.0

ORS19_96a; adaptierte CIELAB-Daten					
	<i>L*=<i>L</i>_a</i>	<i>a*</i> _a	<i>b*</i> _a	<i>C*</i> _{ab,a}	<i>h*</i> _{ab,a}
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



%Umfang
*u*_{rel} = 89*
%Regularität
*g*_{H,rel} = 72*
*g*_{C,rel} = 57*

ORS19_96a; adaptierte CIELAB-Daten					
	<i>L*=<i>L</i>_a</i>	<i>a*</i> _a	<i>b*</i> _a	<i>C*</i> _{ab,a}	<i>h*</i> _{ab,a}
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

Daten für Maximalfarbe (Ma):

$LAB*LAB*M_2: 49 \ 66 \ 32$

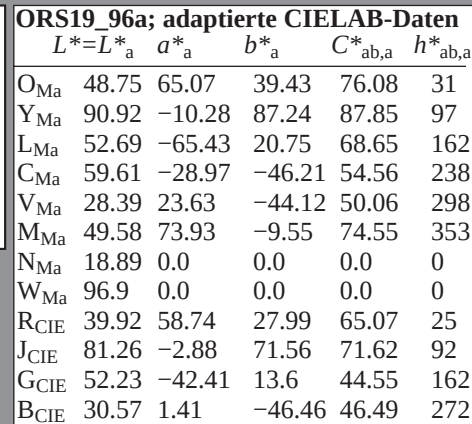
LAB*LCII* 40 74 25

LAB'LCH*Ma: 49 /4 25

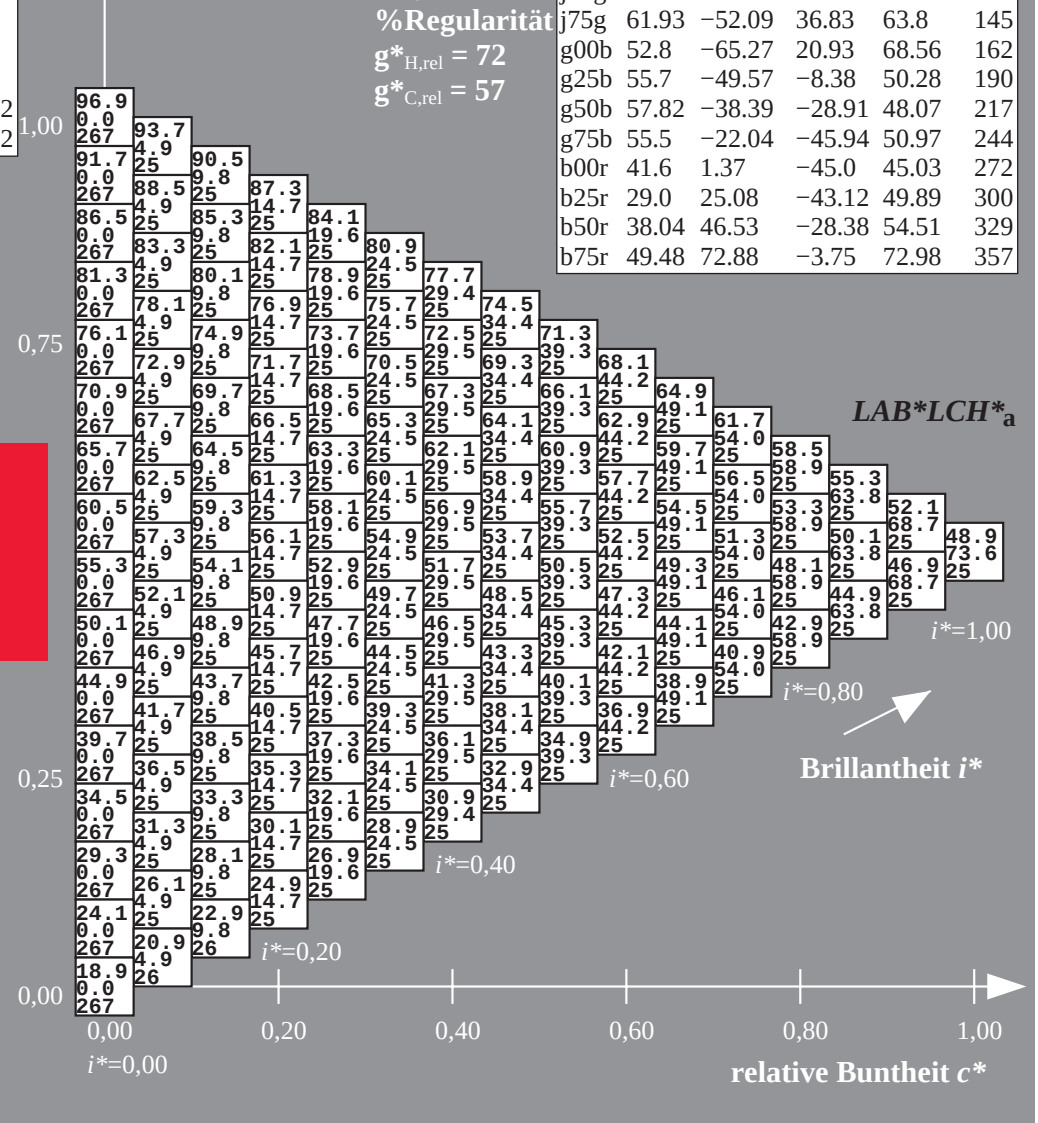
lab*rgb*_{Ma}: 1.0 0.0 0.0

lab*olv*_Ma: 1.0 0.0 0.16

Dreiecks-Helligkeit t^*



Dreiecks-Helligkeit t^*

$$u_{rel}^* = 89$$
$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


$$u^* = r50j$$

Daten für Maximalfarbe (Ma):

*LAB*LAB**_{Ma}: 65 35 58

LAB*LCH*Ma: 65 68 59

lab*rqb*_Ma: 1.0 0.5 0.0

lab*oly*Ma: 1.0 0.4 0.0

Dreiecks-Helligkeit t^*

Dreiecks-Helligkeit t^*

Dreiecks-Helligkeit t^*

%Umfang

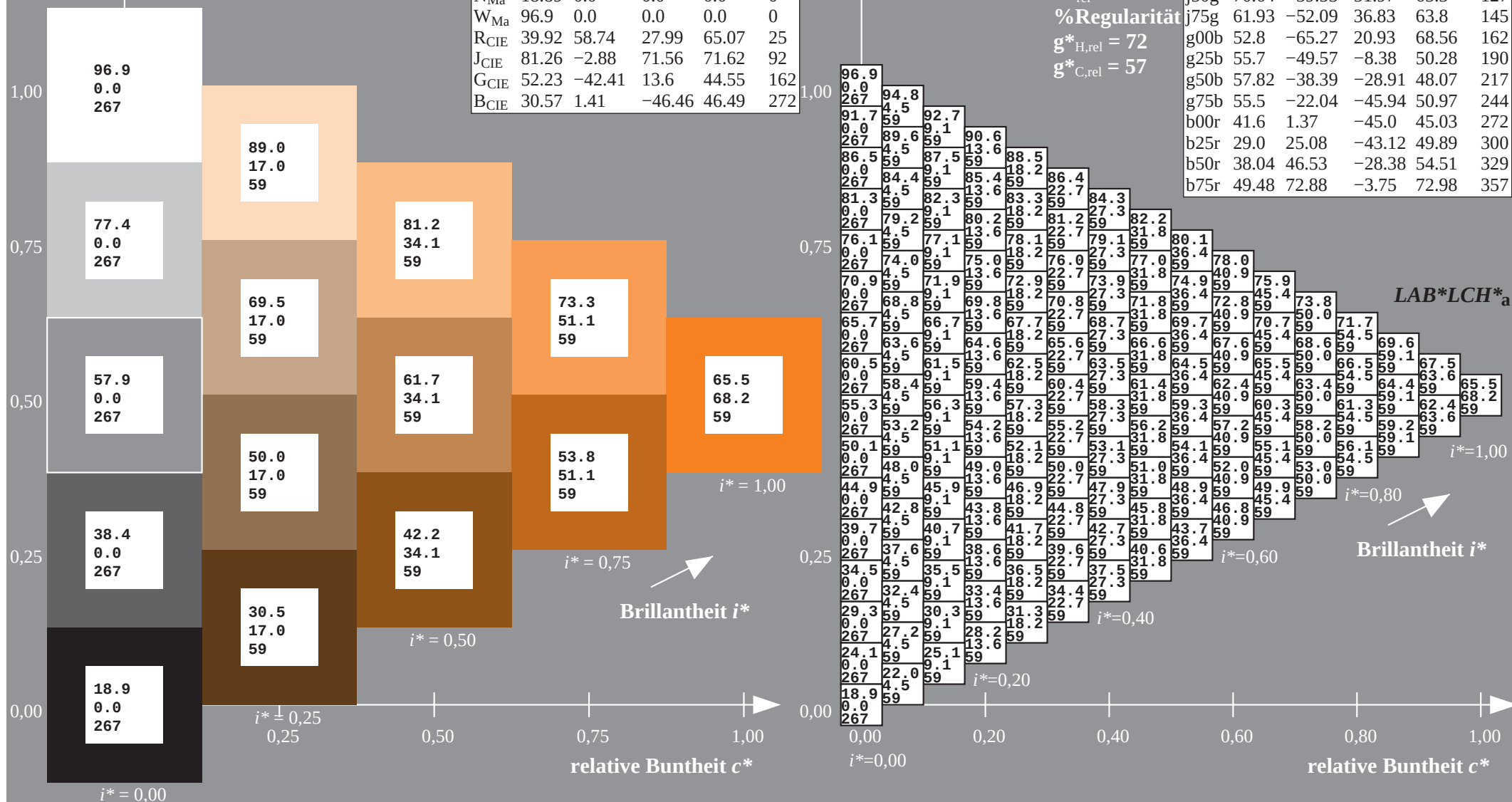
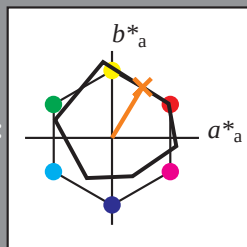
$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C_{rel}} = 57$$

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



$$u^* = r75j$$

LAB*LCH*a

$LAB*LAB*_M2: 75 \ 18 \ 69$

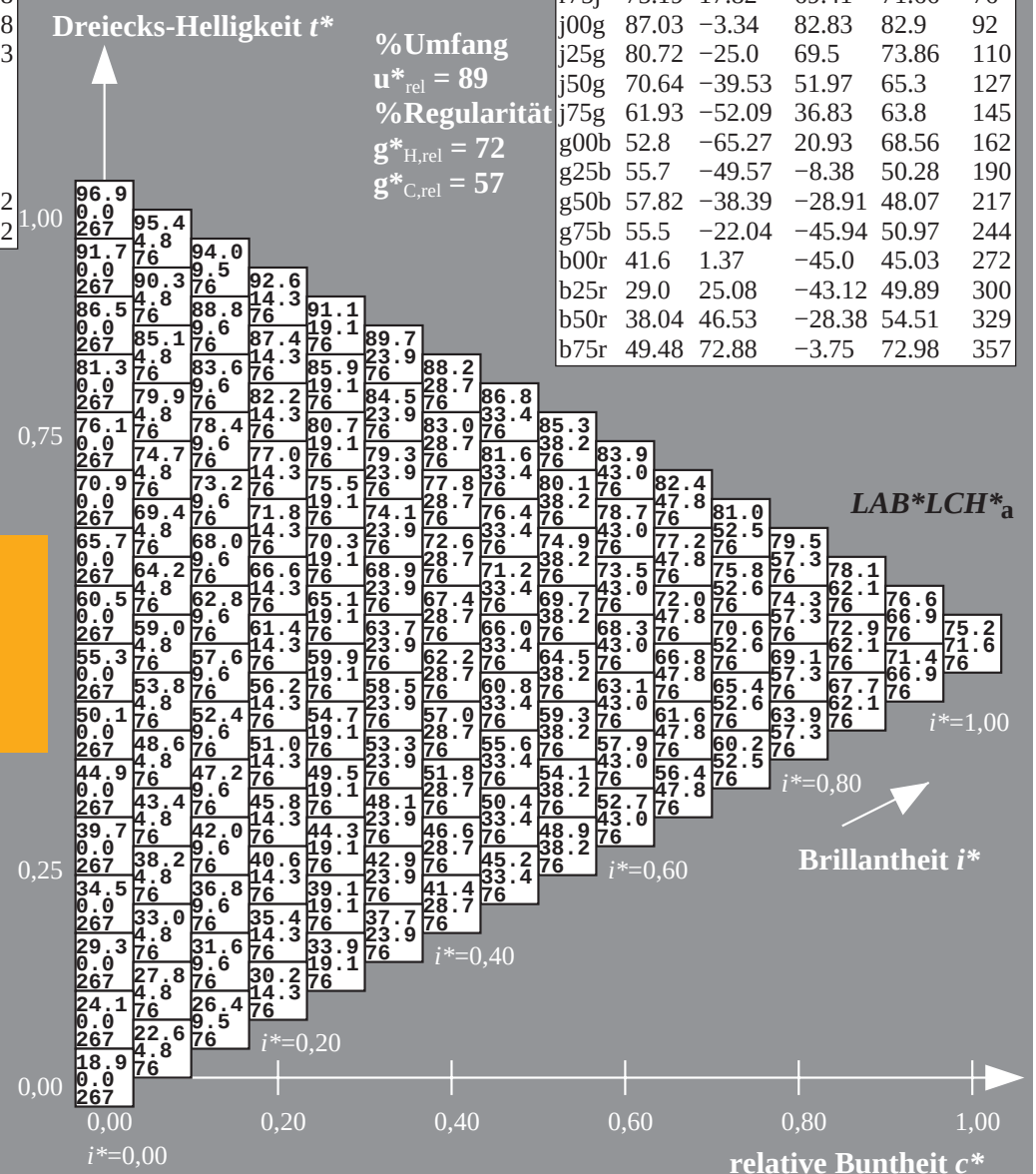
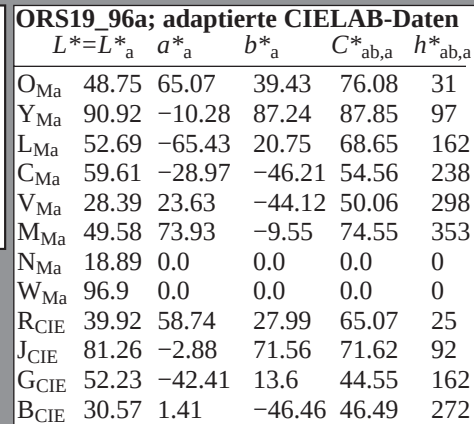
LAP*LCU* - - - 75 72 70

LAB'LCH*Ma: 75 72 76

lab*rgb*_{Ma}: 1.0 0.75 0.0

***lab*olv**_{Ma}: 1.0 0.63 0.0**

Dreiecks-Helligkeit t^*



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

Daten für Maximalfarbe (Ma):

$LAB*LAB*_M_2: 87 \quad -2 \quad 83$

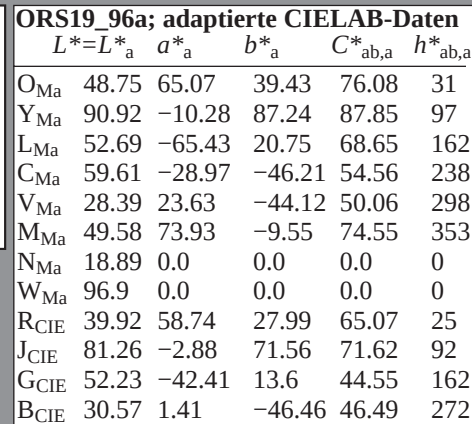
LAB*LCII* 97 92 92

LAB* LCH* Ma: 87 85 92

*lab*rgb*_{Ma}: 1.0 1.0 0.0

lab*olv*_{Ma}: 1.0 0.91 0.0

Dreiecks-Helligkeit t^*



%Umfang

$$u_{rel}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357


$$i^*=1,00$$

Brillantheit *i**

in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305 \quad u^* = j25g$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 81 -24 69

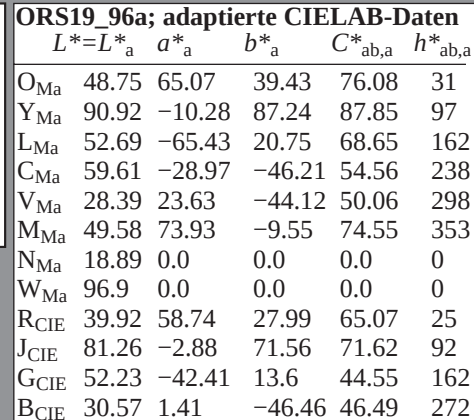
LAB*LCH*_{Ma}: 81 74 110

LAB'LCH*Ma: 81 /4 11

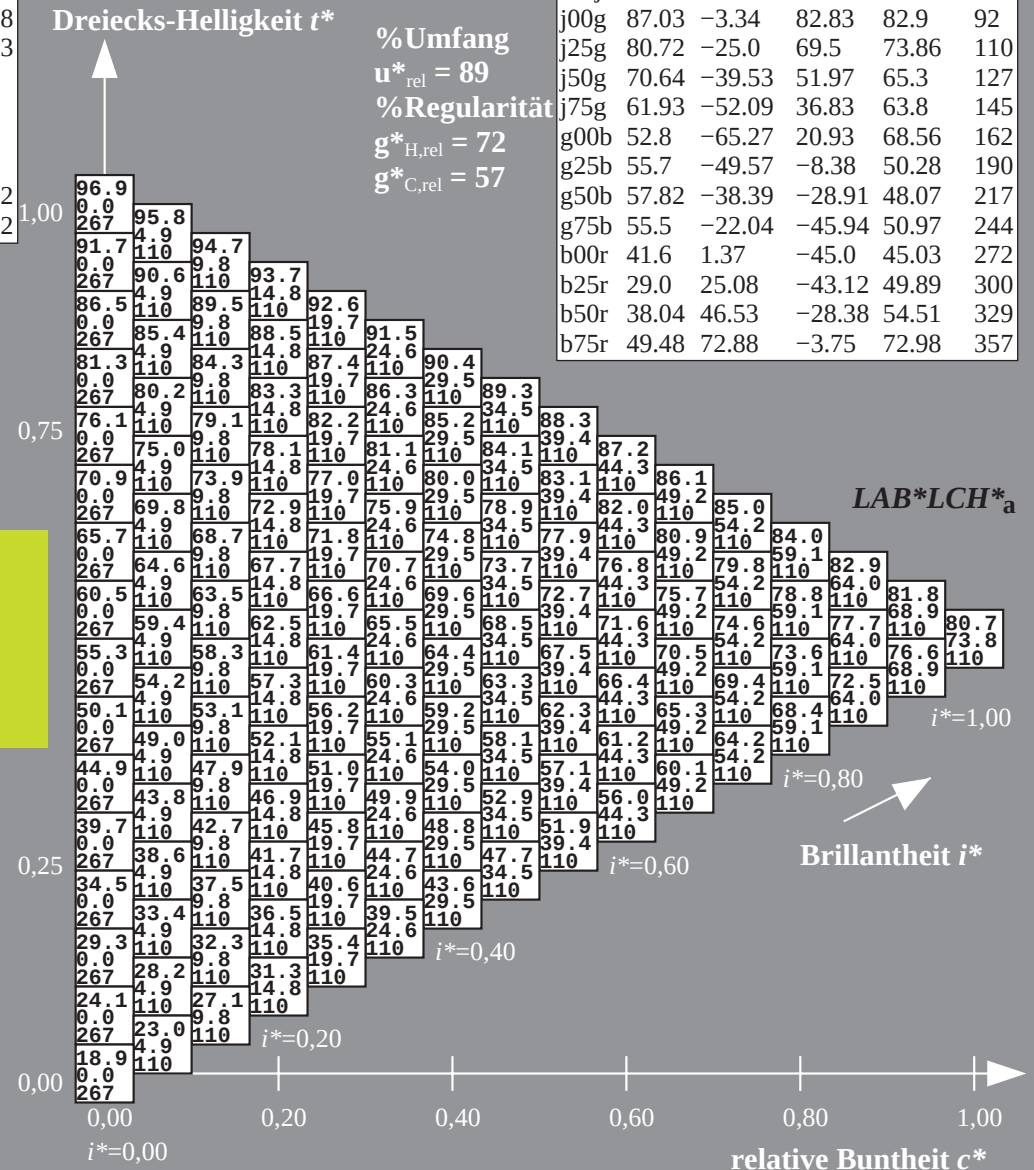
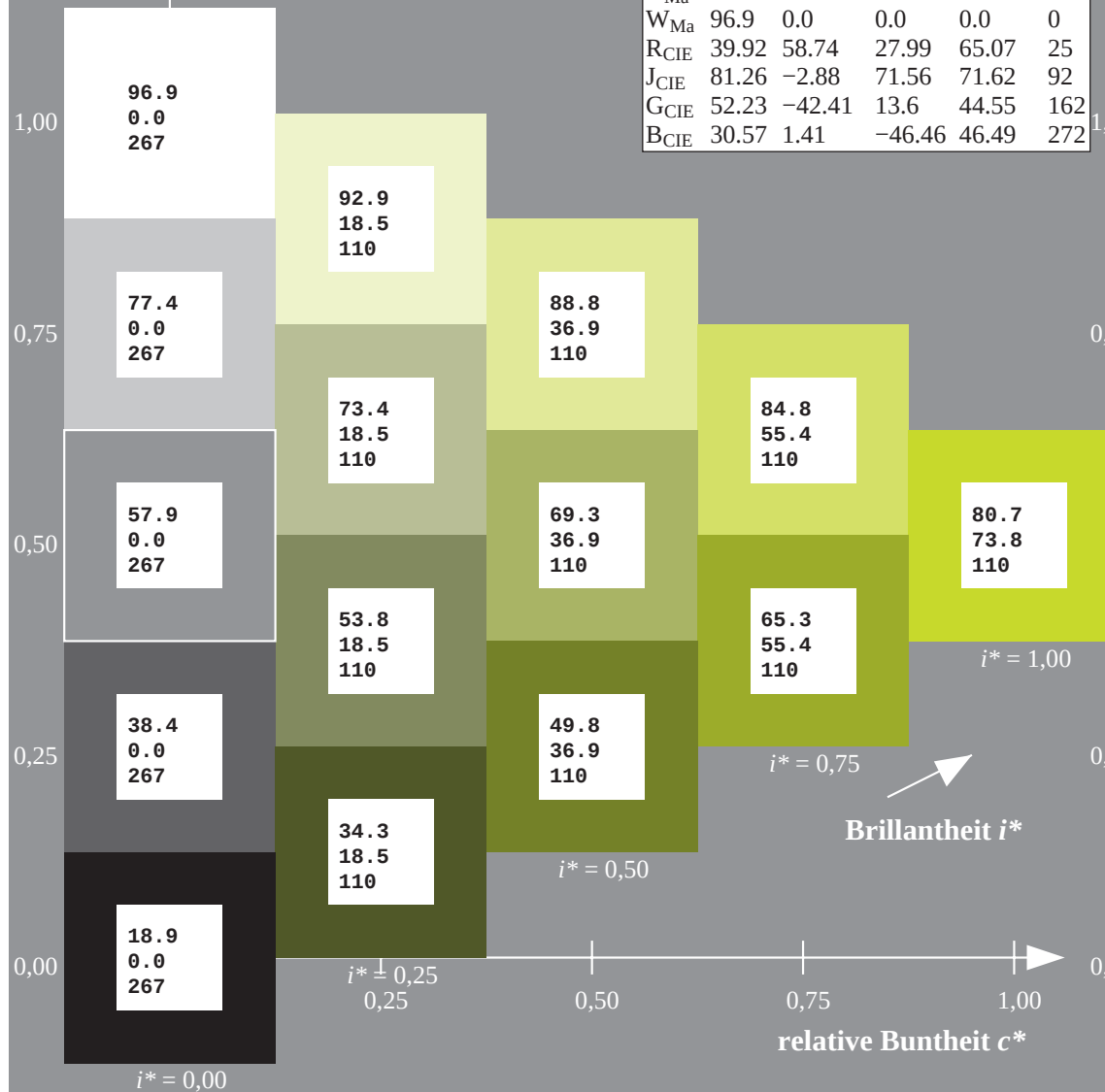
*lab*rgb*_Ma: 0.75 1.0 0.0*

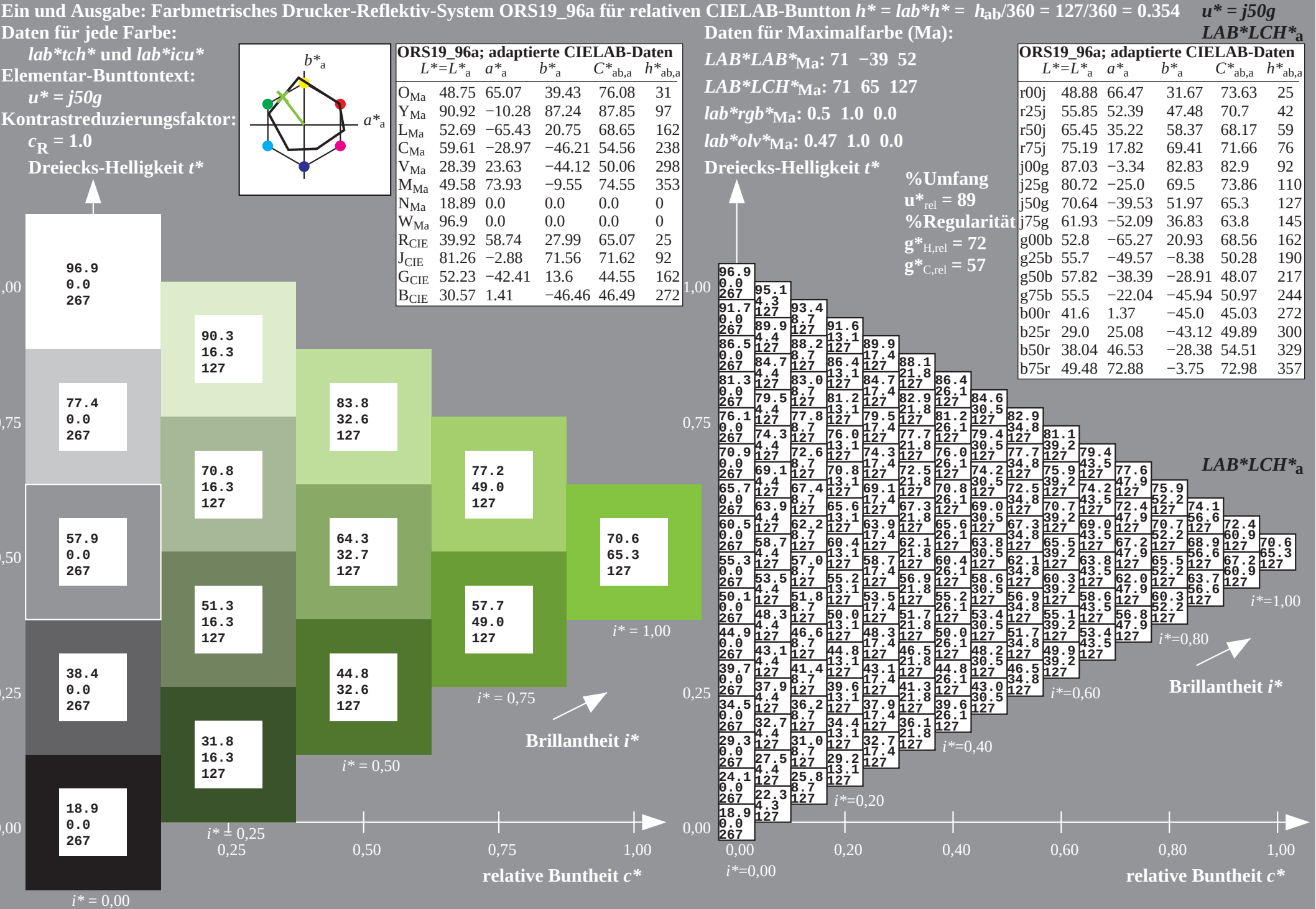
lab*olv*_Ma: 0.73 1.0 0.0

Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357





relative Buntheit c^*

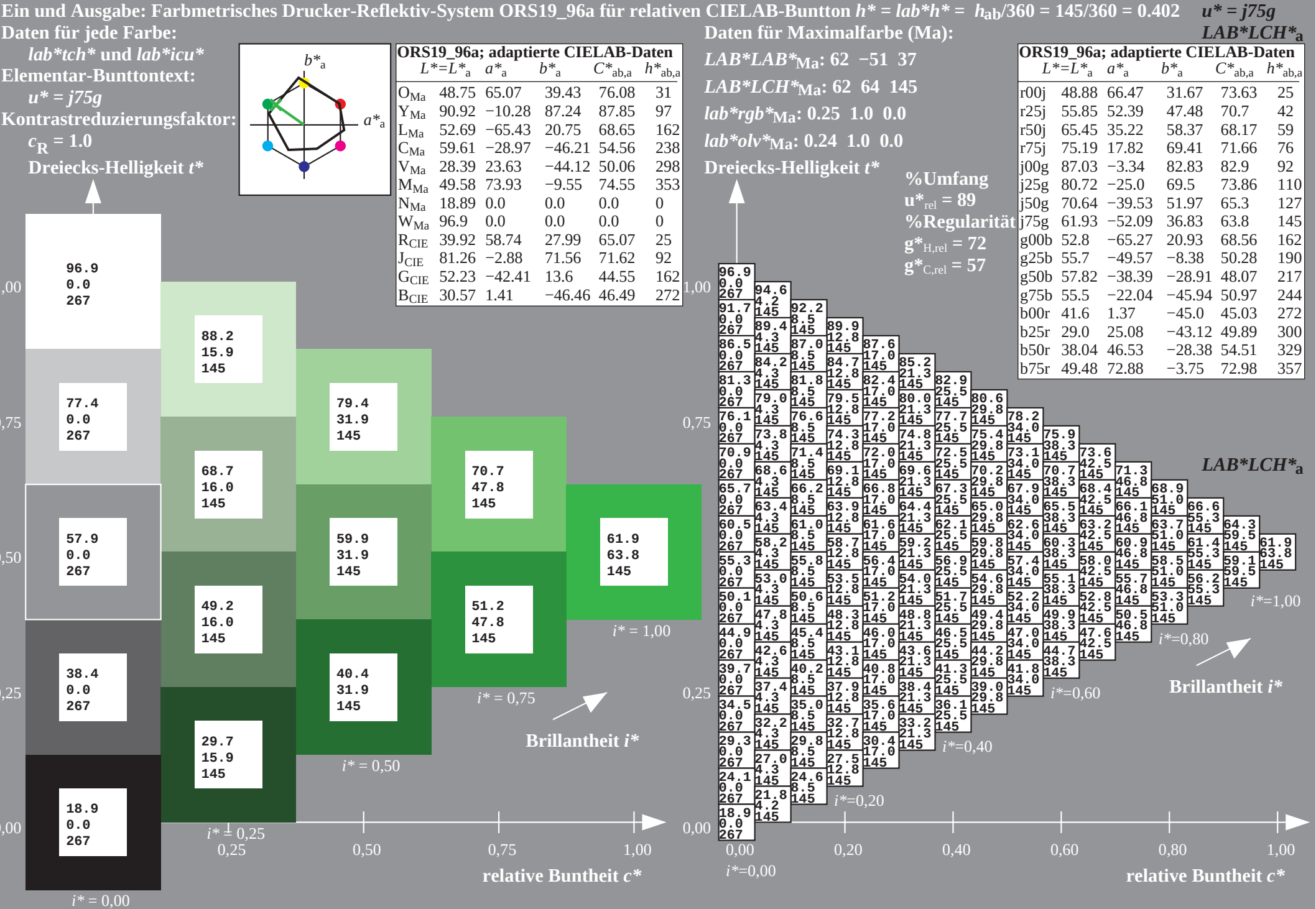


relative Buntheit c^*



relative Buntheit c^*





in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$ $u^* = g00b$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 53 -64 21

LAB*LCH*Ma: 53 69 162

lab*rgb*_Ma: 0.0 1.0 0.0

lab*olv*_Ma: 0.0 1.0 0.0

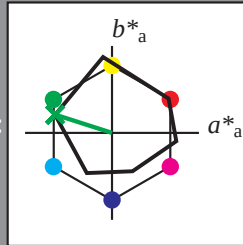
Dreiecks-Helligkeit t^*

Dreiecks-Helligkeit

%Umfang

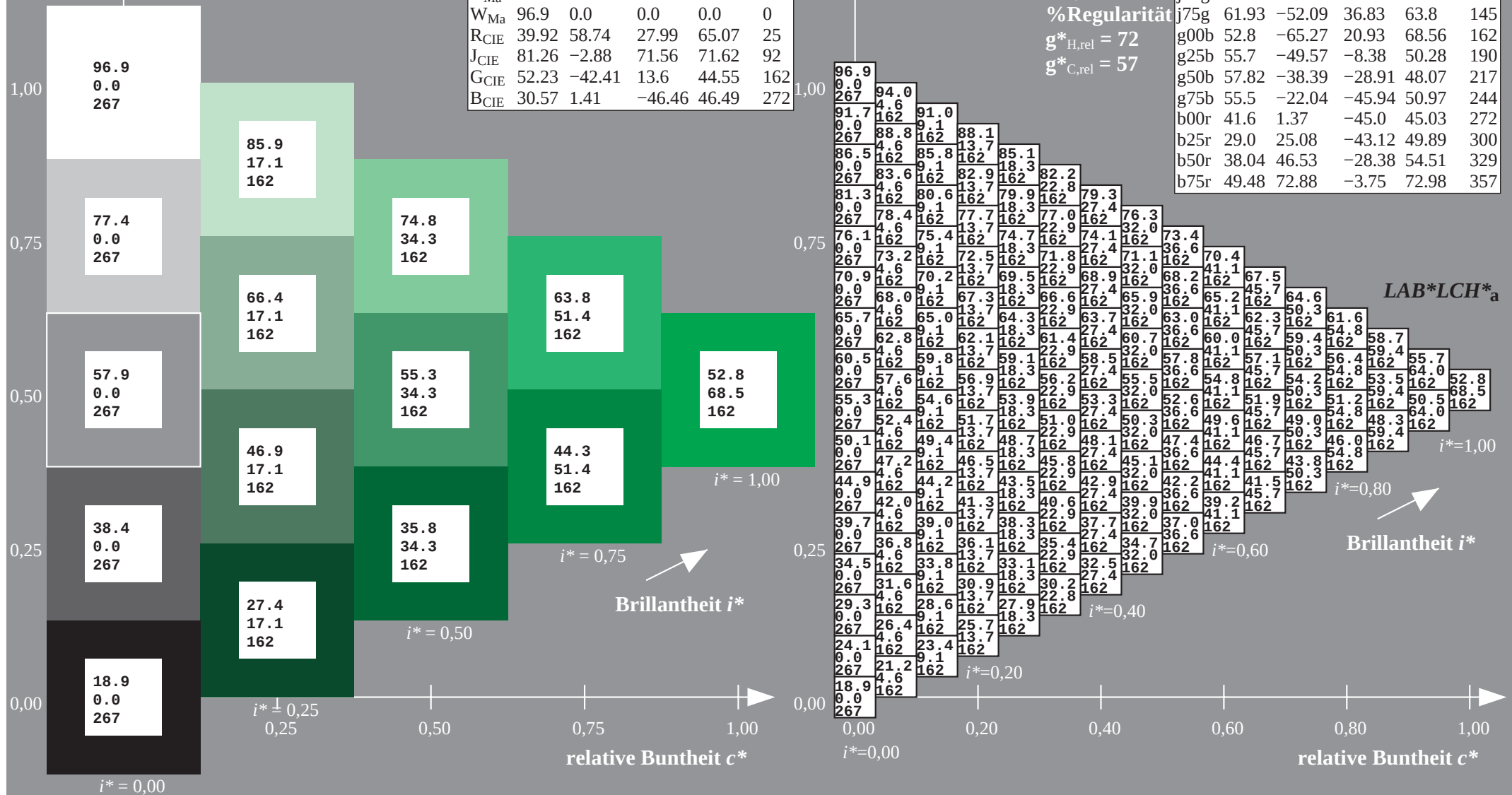
$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


ORS19_96a; adaptierte CIELAB-Daten					
	L^*_{*a}	a^*_{*a}	b^*_{*a}	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 190/360 = 0.527 \quad u^* = g_{25b}$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 56 -49 -7

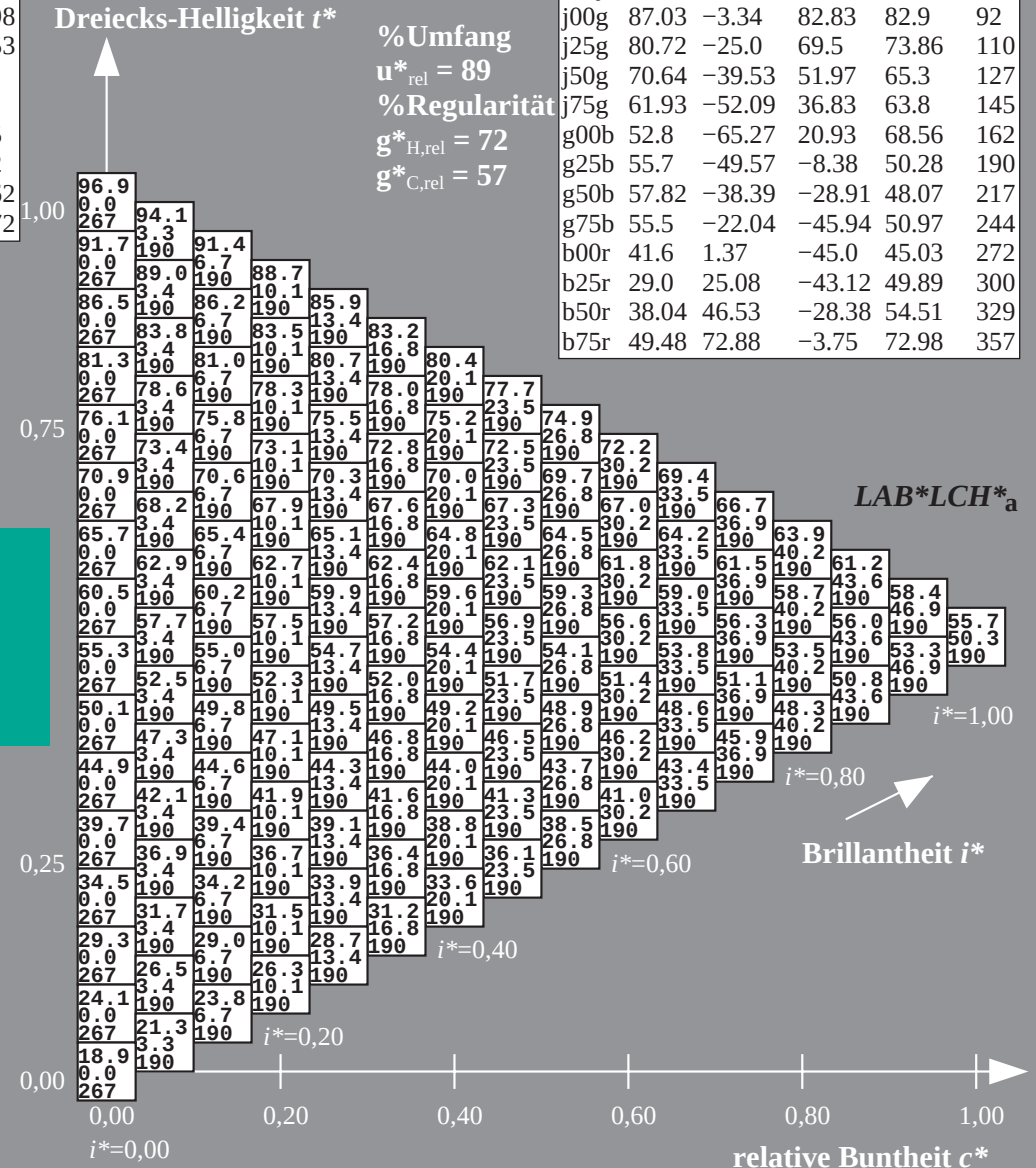
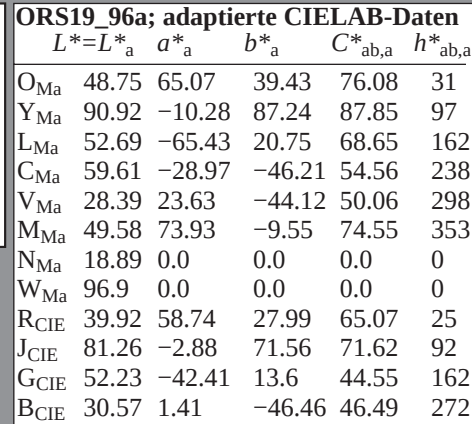
LAB*LCH*_{Ma}: 56 50 190

*lab*rah**M₂: 0.0 1.0 0.5

*lab*rgb**_{Ma}: 0.0 1.0 0.5

lab*olv*Ma: 0.0 1.0 0.44

Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten						
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	48.88	66.47	31.67	73.63		25
r25j	55.85	52.39	47.48	70.7		42
r50j	65.45	35.22	58.37	68.17		59
r75j	75.19	17.82	69.41	71.66		76
j00g	87.03	-3.34	82.83	82.9		92
j25g	80.72	-25.0	69.5	73.86		110
j50g	70.64	-39.53	51.97	65.3		127
j75g	61.93	-52.09	36.83	63.8		145
g00b	52.8	-65.27	20.93	68.56		162
g25b	55.7	-49.57	-8.38	50.28		190
g50b	57.82	-38.39	-28.91	48.07		217
g75b	55.5	-22.04	-45.94	50.97		244
b00r	41.6	1.37	-45.0	45.03		272
b25r	29.0	25.08	-43.12	49.89		300
b50r	38.04	46.53	-28.38	54.51		329
b75r	49.48	72.88	-3.75	72.98		357

*LAB*LCH**_a

$$i^*=1,00$$

Brillantheit i^*

$$u^* = q50b$$

*LAB*LCH**_a

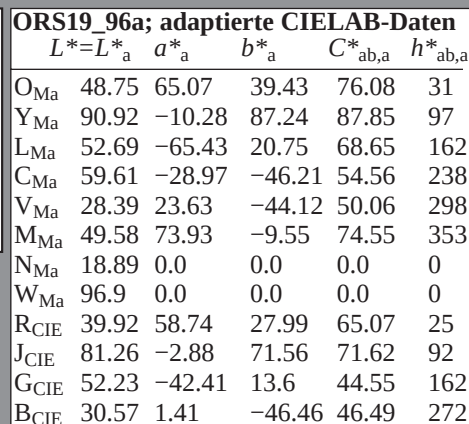
CIELAB-Daten

67 73.63 25

48	70.7	42
27	69.17	50

37	68.17	59
41	71.66	76

83	82.9	92
----	------	----



*LAB*LCH**_a

CIELAB-Daten

	$\Sigma_{a0,a}$	$\pi_{a0,a}$
67	73 63	25

48 70.7 42

37	68.17	59
41	71.66	76

83	82.9	92
----	------	----

5	73.86	110
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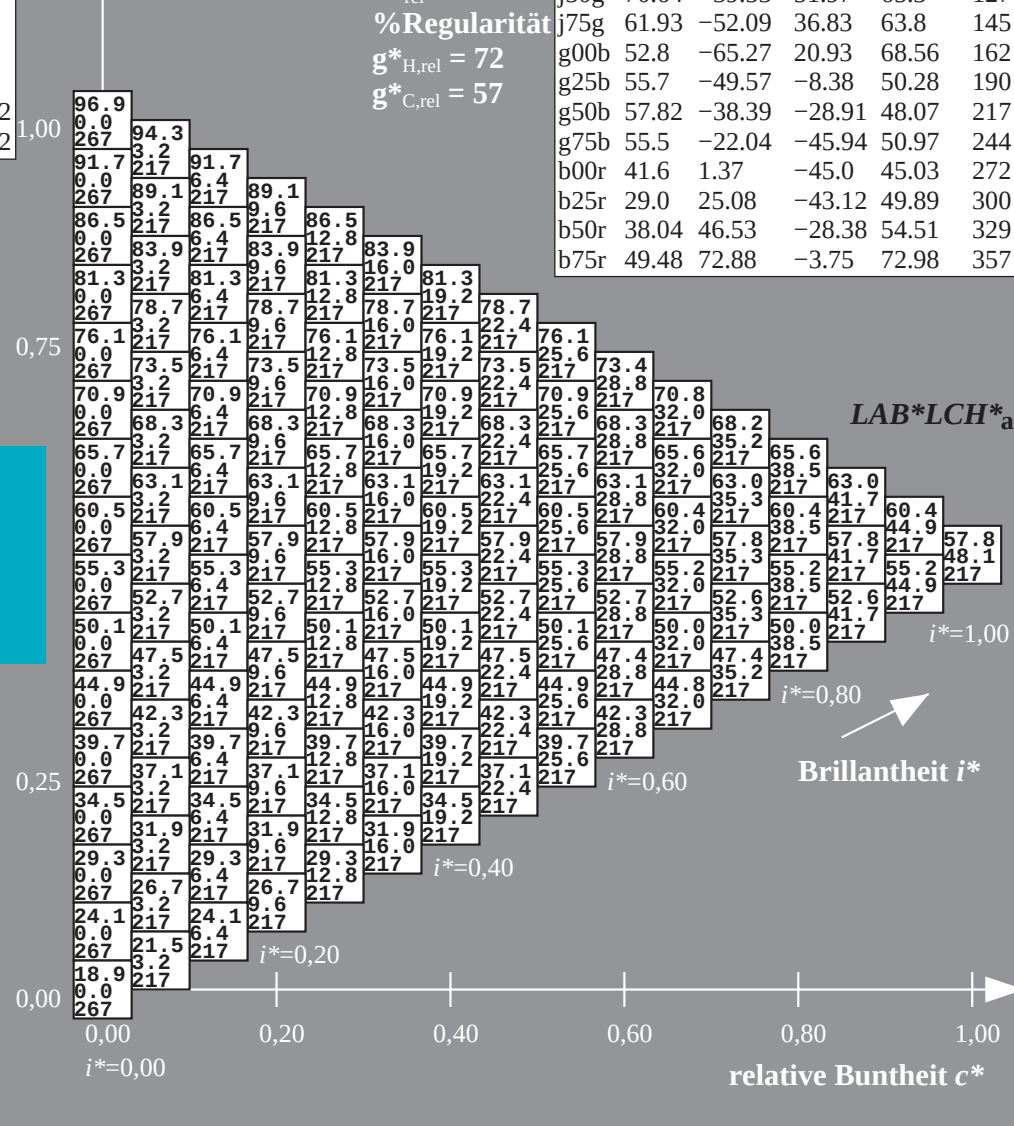
83	82.9	92
5	73.86	110

97	65.3	127
----	------	-----

83	63.8	145
----	------	-----

93 68.56 162

38	50.28	190
39	49.27	217



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$ $u^* = b00r$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 42 1 -44

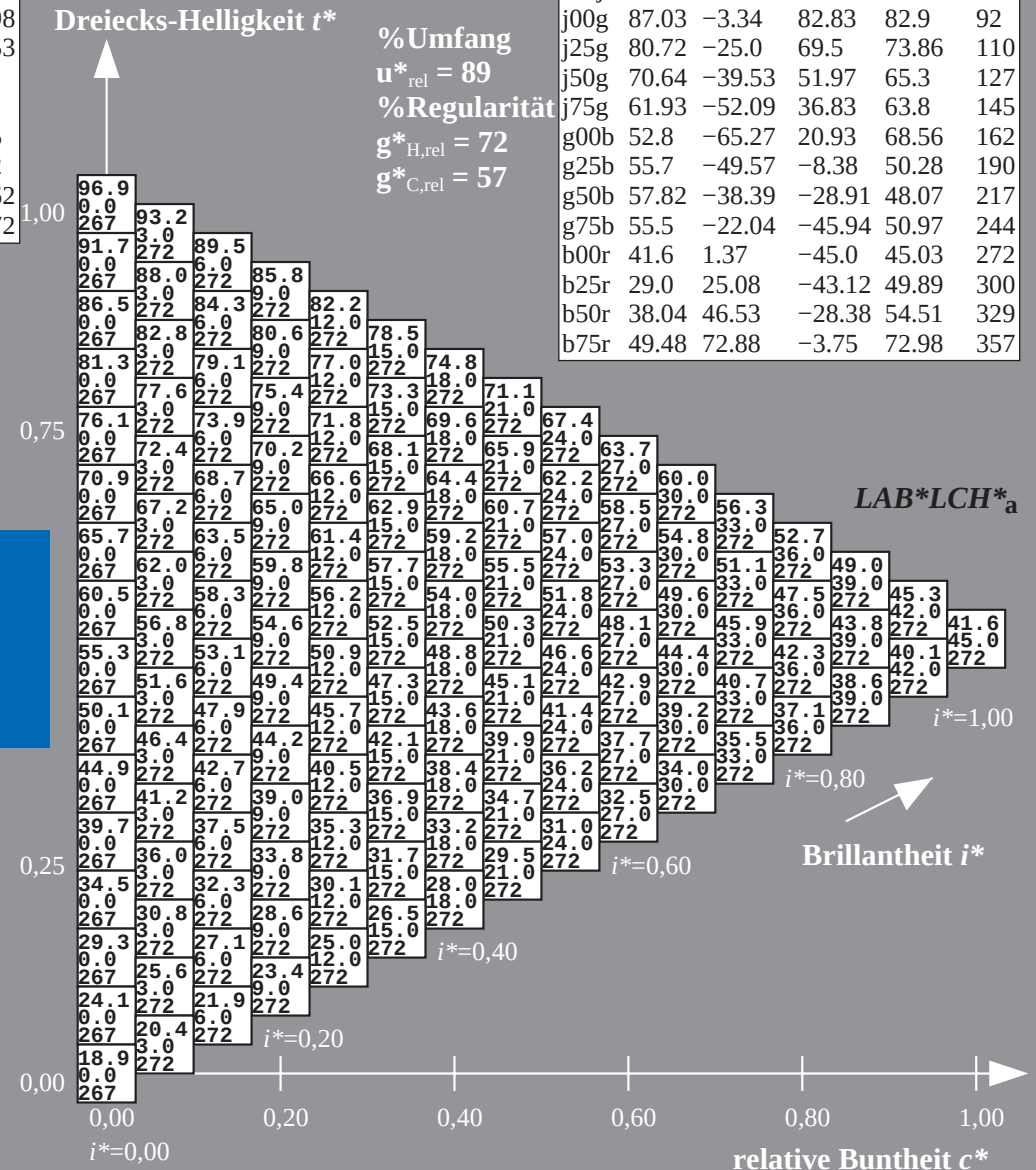
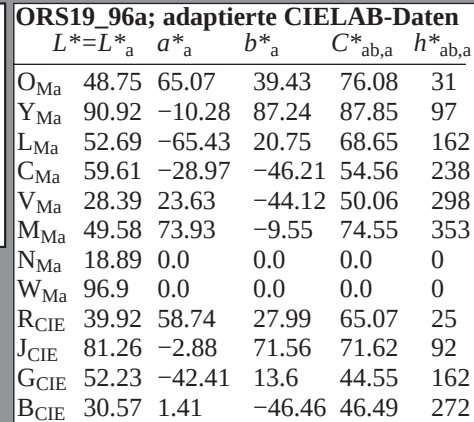
LAB*LCH*_{Ma}: 42 45 272

lab*rgb*_{Ma}: 0.0 0.0 1.0

*lab*rgb**_{Ma}: 0.0 0.0 1.0
*lab*olv**_{Ma}: 0.0 0.42 1.0

lab*olv*Ma: 0.0 0.42 1.0

Dreiecks-Helligkeit t^*



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in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$ $u^* = b25r$

Daten für Maximalfarbe (Ma):

*LAB*LCH*_a*

LAB*LAB*_{Ma}: 29 25 -42

LAB*LCH*Ma: 29 50 300

*lab*rgb*_{Ma}: 0.5 0.0 1.0

lab*olv*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit t^*

%Umfang

$$u_{rel}^* = 89$$

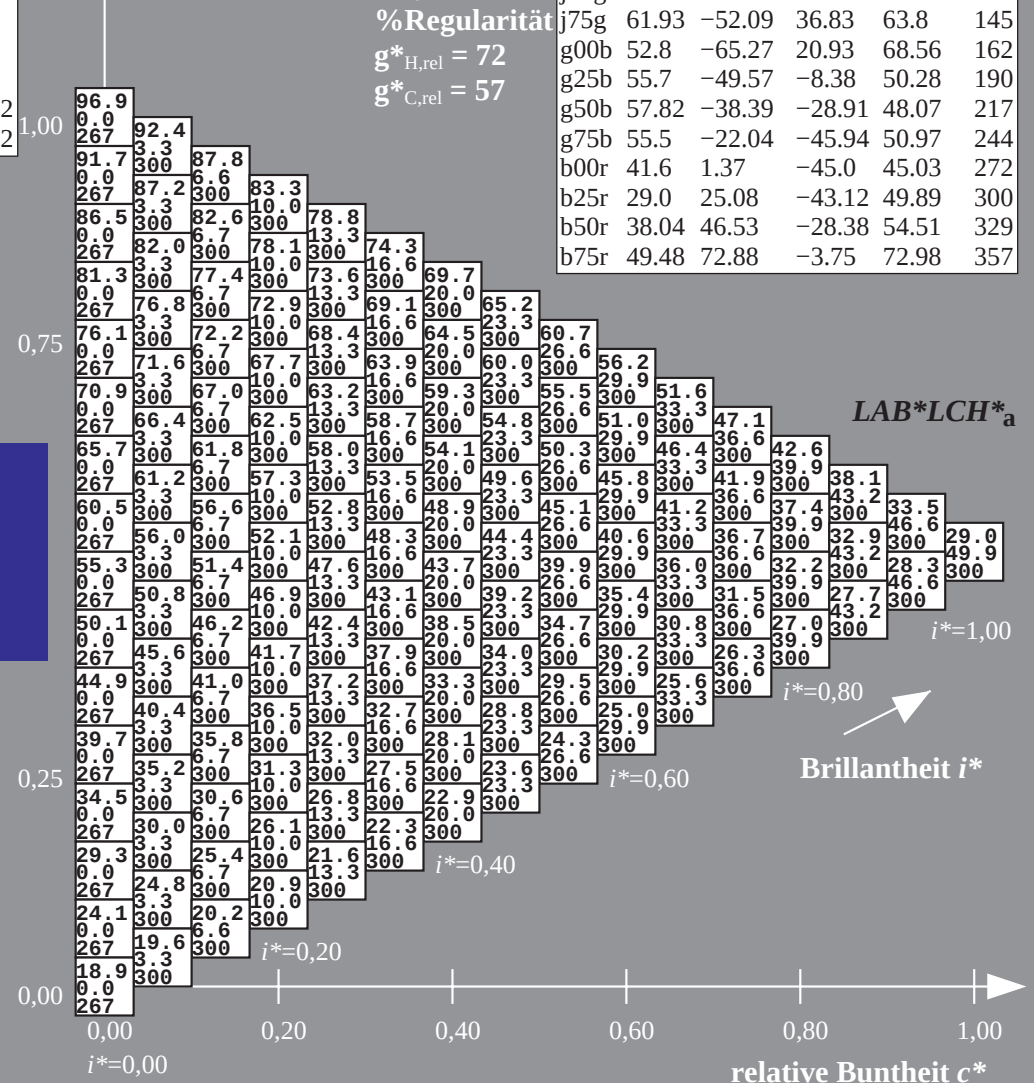
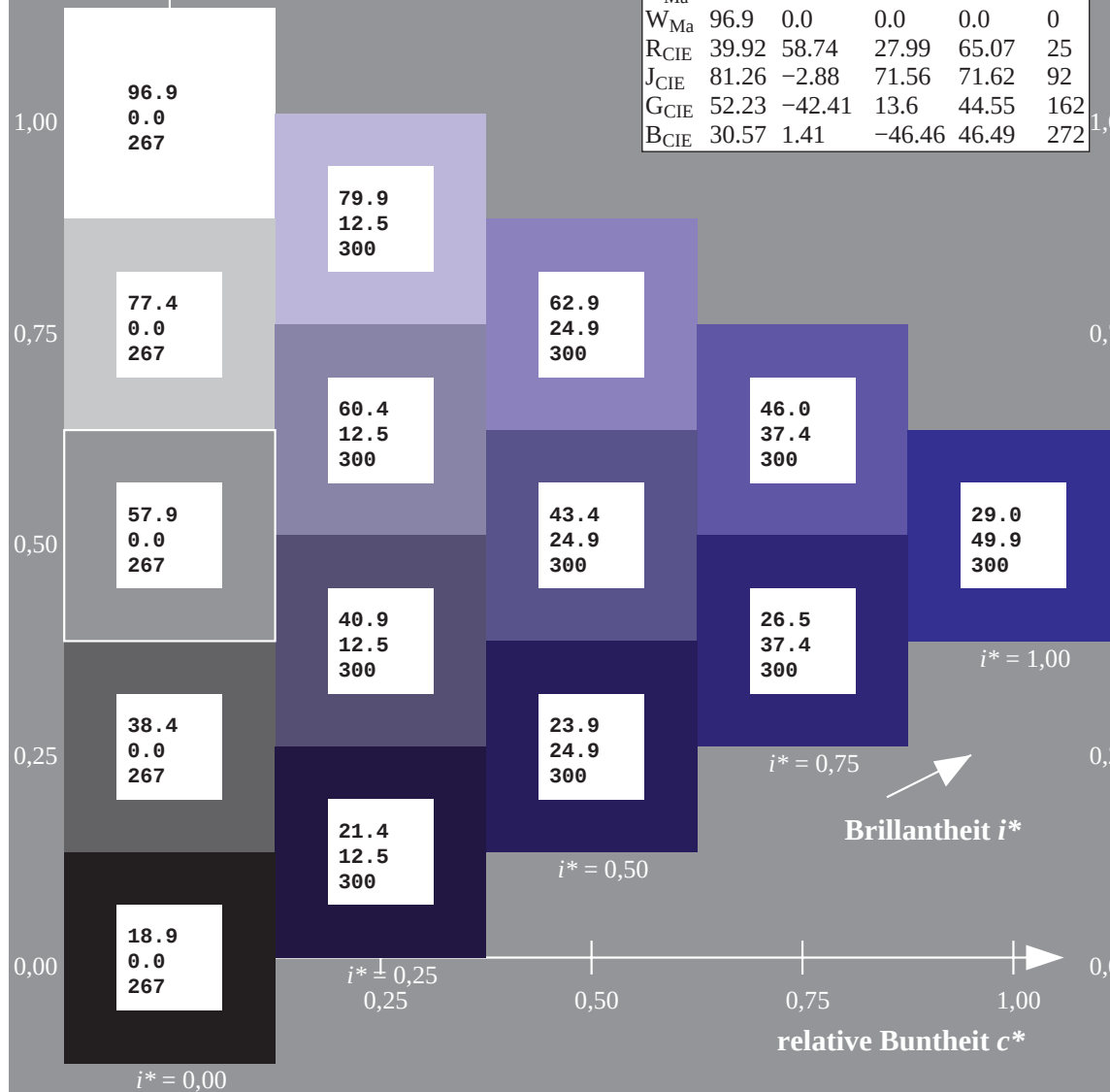
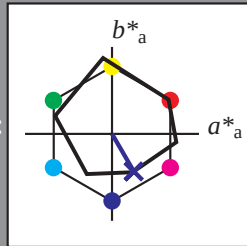
%Regularität

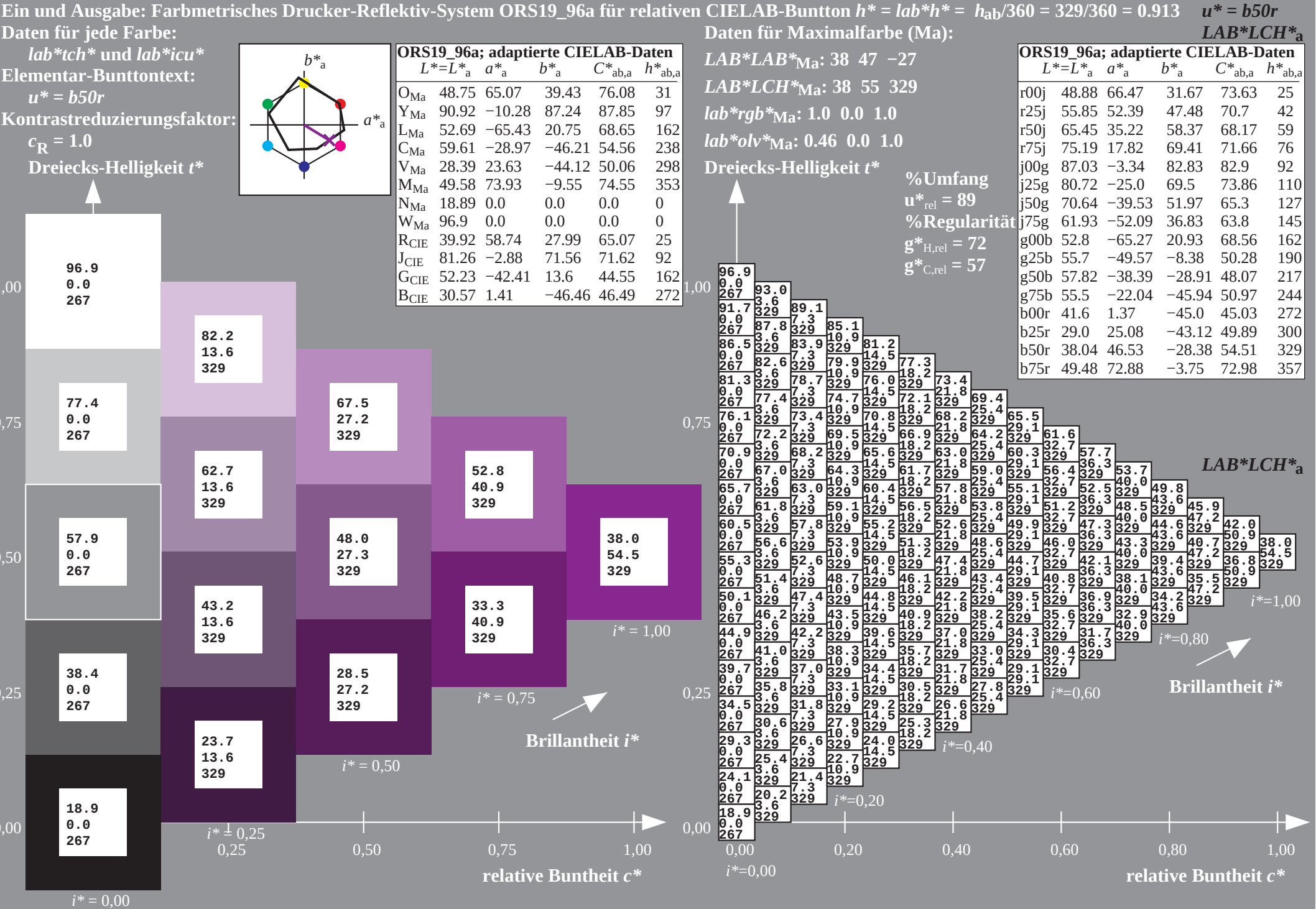
$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

Dreiecks-Helligkeit t^*

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357





in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ $u^* = b75r$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{M2}: 49 73 -3

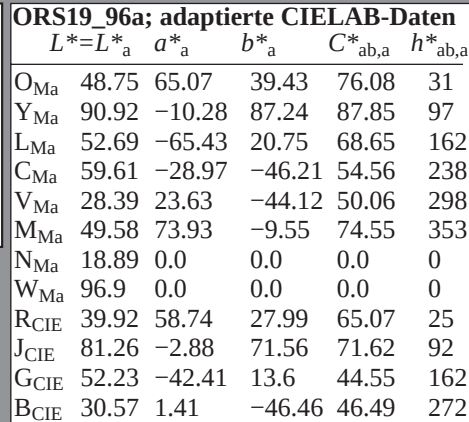
LAR*LCU* : 40 72 257

LAB*LCH*Ma: 49 73 33

lab*rgb*_{Ma}: 1.0 0.0 0.5

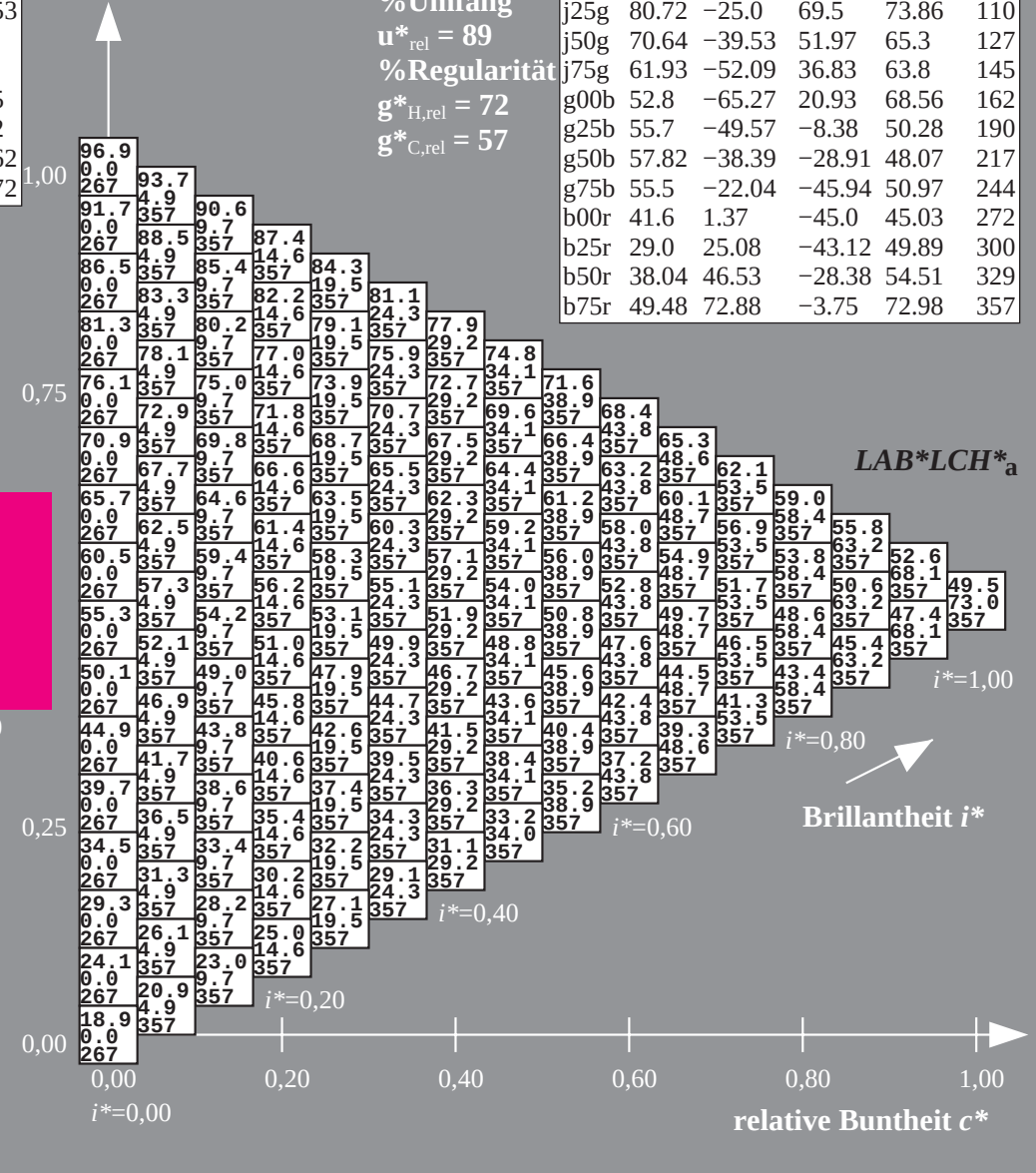
lab*olv*_{Ma}: 1.0 0.0 0.88

Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten					
	L^*_{a}	a^*_{a}	b^*_{a}	$C^*_{\text{ab,a}}$	$h^*_{\text{ab,a}}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

$$\mathbf{u}_{\text{rel}}^* = 89$$
$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


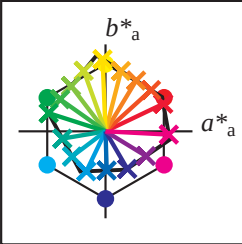
*LAB*LCH_a*

Brillantheit i^*

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LCH*a			
01	18.9	23.1	27.3	31.6	35.8	40.0	44.2	48.5	52.7	22.6	27.9	32.1	36.3	40.6	44.8	49.0	53.2	57.5	26.4	31.6	36.9	41.1	45.3	49.6	53.8	58.0	62.2	66.9	60.9	64.9	78.8	72.8	66.8	60.8	54.8	48.8	18.9	18.9	18.9		
	0.0	8.6	17.2	25.7	34.3	42.9	51.5	60.1	68.6	9.5	11.0	16.5	23.9	31.9	40.1	48.5	56.9	65.3	19.0	17.2	22.0	26.7	33.0	40.1	47.8	55.7	63.7	0.0	9.5	19.0	28.5	38.0	47.5	57.1	66.6	76.1	0.0	0.0	0.0		
	267	162	162	162	162	162	162	162	162	31	97	125	138	144	148	151	152	154	31	67	97	114	125	133	138	141	144	267	31	31	31	31	31	31	31	31	267	267	267	267	
02	20.1	24.0	28.2	32.4	36.7	40.9	45.1	49.3	53.6	22.7	28.6	32.9	37.1	41.3	45.5	49.8	54.0	58.2	26.5	32.4	37.6	41.9	46.1	50.3	54.5	58.8	63.0	92.2	87.2	81.1	75.1	69.1	63.1	57.1	51.0	45.0	28.6	28.6	28.6	28.6	
	6.3	6.8	12.2	20.0	28.2	36.6	45.1	53.6	62.1	9.3	0.0	8.6	17.2	25.7	34.3	42.9	51.5	60.1	17.8	9.5	11.0	16.5	23.9	31.9	40.1	48.5	56.9	6.8	0.0	9.5	19.0	28.5	38.0	47.6	57.1	66.6	0.0	0.0	0.0	0.0	
	298	238	195	182	176	173	171	169	169	353	267	162	162	162	162	162	162	162	162	12	31	97	125	138	144	148	150	152	238	267	31	31	31	31	31	31	31	267	267	267	267
03	21.3	25.2	29.1	33.3	37.5	41.7	46.0	50.2	54.4	23.9	29.8	33.7	38.0	42.2	46.4	50.6	54.9	59.1	26.6	32.5	38.4	42.6	46.8	51.1	55.3	59.5	63.7	87.6	82.5	77.4	71.4	65.4	59.3	53.3	47.3	41.3	38.4	38.4	38.4	38.4	
	12.5	11.3	13.6	17.8	24.4	32.0	40.0	48.2	56.5	13.9	6.3	6.8	12.2	20.0	28.2	36.6	45.1	53.6	18.6	9.5	11.0	8.6	17.2	25.7	34.3	42.9	51.5	13.6	6.8	0.0	9.5	19.0	28.5	38.0	47.6	57.1	0.0	0.0	0.0	0.0	
	298	267	238	210	195	187	182	178	176	331	298	238	195	182	176	173	171	169	353	267	162	162	162	162	162	162	162	238	267	31	31	31	31	31	31	31	31	267	267	267	267
04	22.5	26.4	30.3	34.2	38.4	42.6	46.8	51.1	55.3	25.1	31.0	34.9	38.8	43.0	47.3	51.5	55.7	59.9	27.8	33.6	39.6	43.9	47.7	51.9	56.2	60.4	64.6	82.9	77.8	72.7	67.7	61.6	55.6	49.6	43.6	37.6	48.1	48.1	48.1	48.1	
	18.8	17.0	17.6	20.5	24.1	29.8	36.7	44.1	51.9	19.5	12.5	11.3	13.6	17.8	24.4	32.0	40.0	48.2	22.8	13.9	6.3	6.8	12.2	20.0	28.2	36.6	45.1	20.5	13.6	6.8	0.0	9.5	19.0	28.5	38.0	47.5	0.0	0.0	0.0	0.0	
	298	278	256	238	218	204	195	189	185	321	298	267	238	210	195	187	182	178	340	331	298	238	195	182	176	173	171	238	238	238	267	31	31	31	31	31	31	267	267	267	267
05	23.6	27.5	31.4	35.4	39.3	43.5	47.7	51.9	56.2	26.3	32.2	36.1	40.0	43.9	48.1	52.4	56.6	60.8	28.9	34.9	40.8	44.7	48.6	52.8	57.0	61.2	65.5	78.3	73.2	68.1	63.0	57.9	51.9	45.9	39.8	33.8	57.9	57.9	57.9	57.9	
	25.0	22.9	22.6	24.2	27.3	30.6	35.7	41.9	48.9	25.3	18.8	17.0	17.6	20.5	24.1	29.8	36.7	44.1	27.8	19.5	12.5	11.3	13.6	17.8	24.4	32.0	40.0	27.3	20.5	13.6	6.8	0.0	9.5	19.0	28.5	38.0	0.0	0.0	0.0	0.0	
	298	283	267	251	238	222	210	201	195	316	298	278	256	238	218	204	195	189	331	321	298	267	238	210	195	187	182	238	238	238	238	267	31	31	31	31	31	31	267	267	267
06	24.8	28.7	32.6	36.5	40.4	44.3	48.6	52.8	57.0	27.5	33.4	37.3	41.2	45.1	49.0	53.2	57.5	61.7	30.1	36.0	42.0	45.9	49.8	53.7	57.9	62.1	66.3	73.6	68.5	63.4	58.3	53.2	48.1	42.1	36.1	30.1	67.7	67.7	67.7	67.7	
	31.3	29.0	28.1	28.8	30.9	34.1	37.2	41.8	47.6	31.4	25.0	22.9	22.6	24.2	27.3	30.6	35.7	41.9	33.3	25.3	18.8	17.0	17.6	20.5	24.1	29.8	36.7	34.1	27.3	20.5	13.6	6.8	0.0	9.5	19.0	28.5	0.0	0.0	0.0	0.0	
	298	286	273	260	248	238	225	215	206	312	298	283	267	251	238	222	210	201	325	316	298	278	256	238	218	204	195	238	238	238	238	267	31	31	31	31	31	31	267	267	267
07	26.0	29.9	33.8	37.7	41.6	45.5	49.4	53.7	57.9	28.7	34.6	38.5	42.4	46.3	50.2	54.1	58.3	62.5	31.3	37.2	43.1	47.0	50.9	54.8	58.8	63.0	67.2	68.9	63.8	58.8	53.7	48.6	43.5	38.4	32.4	26.4	77.4	77.4	77.4	77.4	
	37.5	35.2	33.9	33.9	35.2	37.6	40.9	43.9	48.2	37.5	31.3	29.8	28.1	28.8	30.9	34.1	37.2	41.8	38.9	31.4	25.0	22.9	22.6	24.2	27.3	30.6	35.7	40.9	34.1	27.3	20.5	13.6	6.8	0.0	9.5	19.0	0.0	0.0	0.0	0.0	
	298	288	278	267	256	246	238	227	218	310	298	286	273	260	248	238	225	215	321	312	298	283	267	251	238	222	210	238	238	238	238	267	31	31	31	31	31	31	267	267	267
08	27.2	31.1	35.0	38.9	42.8	46.7	50.6	54.5	58.7	2																															

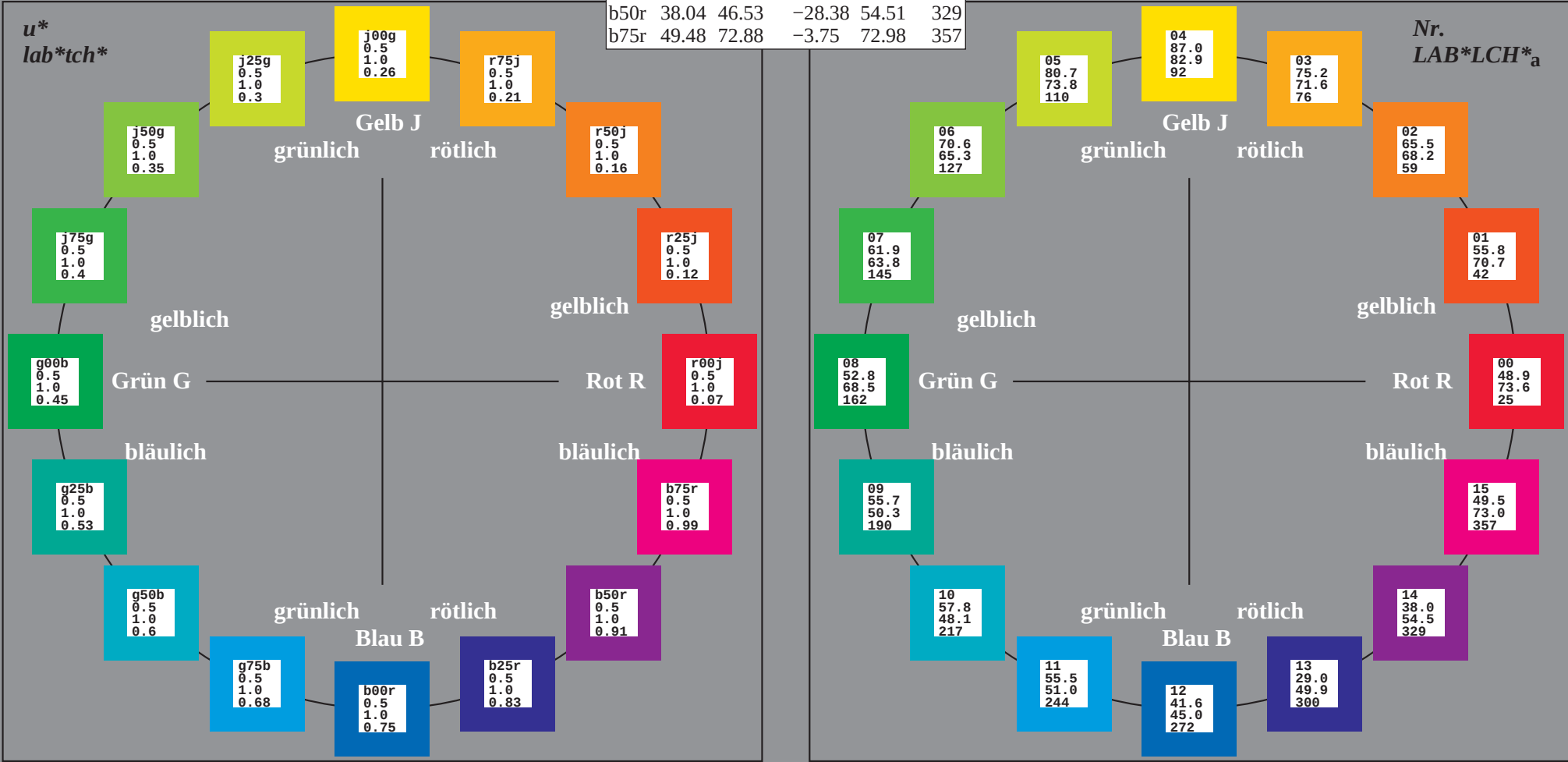
Ein und Ausgabe:
Farbmetrisches Drucker-Reflektiv-System ORS19_96a
Daten für jede Farbe:
lab*tch* und lab*icu*
Elementar-Bunttontext:
u* = 16 Buntttöne r00j, r25j, ..., b75r
Kontrastreduzierungsfaktor:
c_R = 1.0

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



%Umfang
u_{rel}* = 89
%Regularität
g_{H,rel}* = 72
g_{C,rel}* = 57

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 49 66 32

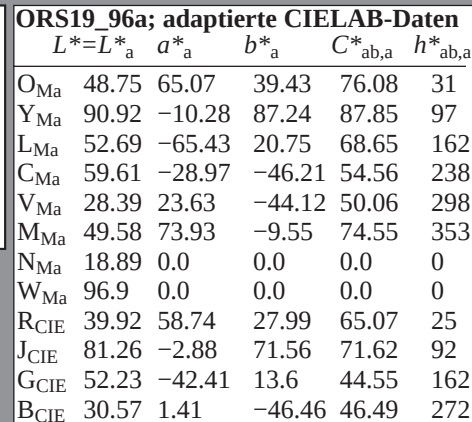
LAB*LCH*Ma: 49 74 25

lab*rgb*Ma: 1.0 0.0 0.0

lab*olv*Ma: 1.0 0.0 0.16

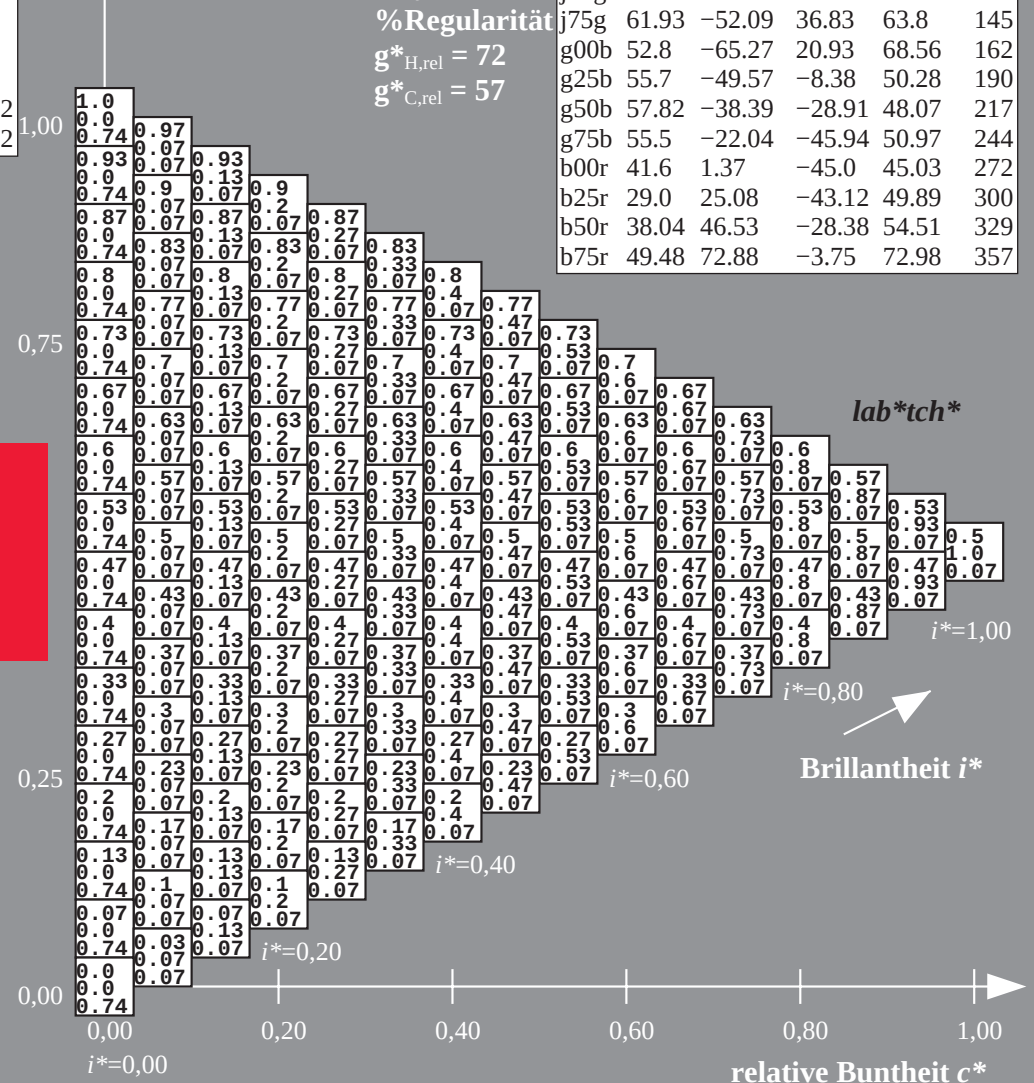
Dreiecks-Helligkeit t^*

Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

$$u_{rel}^* = 89$$
$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


*lab*tch**

$i^*=1,00$

Brillantheit i^*

$$u^* = r25j$$

*lab*tch**

CIELAB-Daten

$$C_{ab,a}^* \quad h_a^*$$

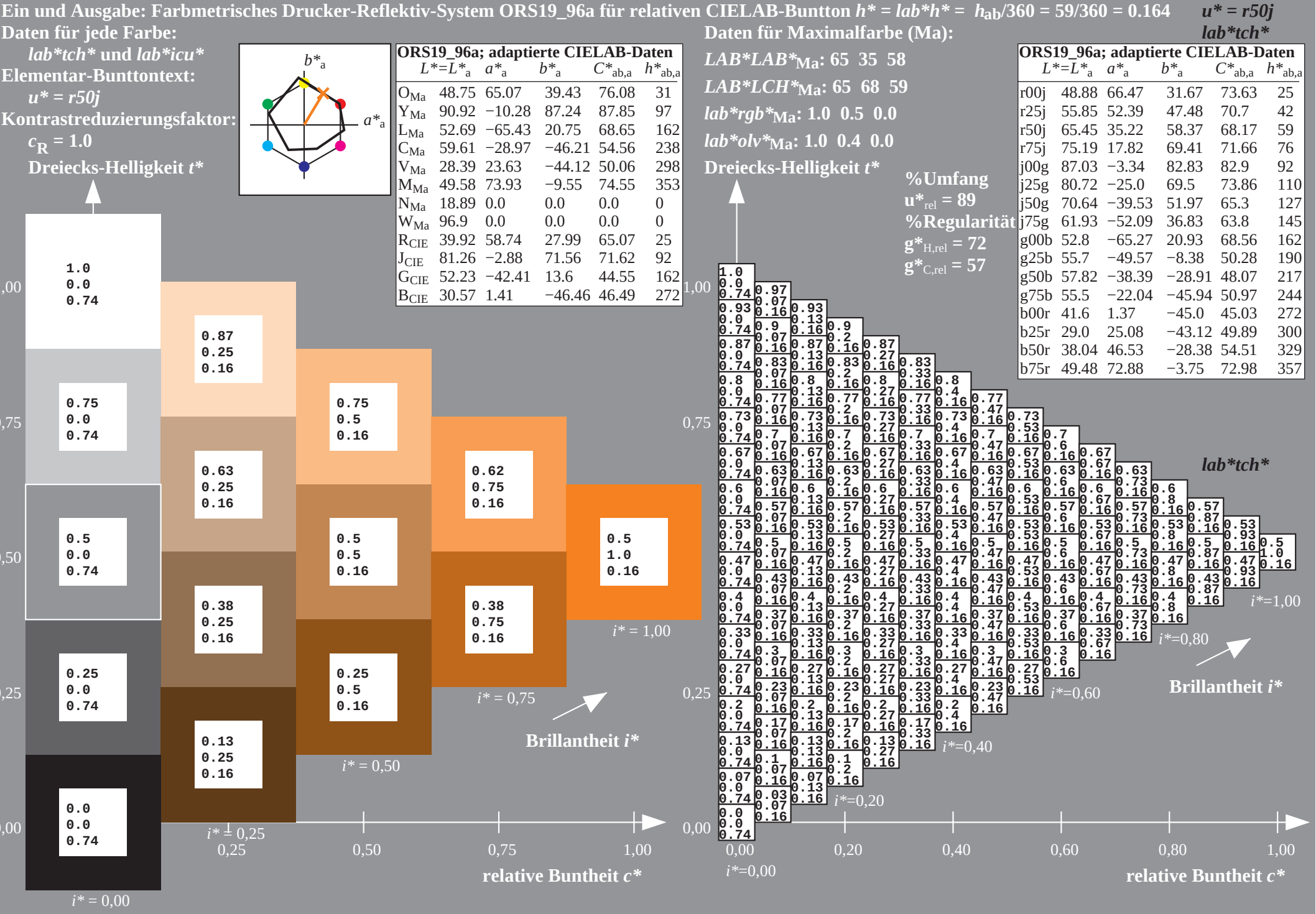
57	73.63	2
58	70.5	4

48	70.7	4.
47	69.17	5.

07	08.17	3
41	71.66	7

33	82.9	9
----	------	---





$$u^* = j00g$$

Daten für Maximalfarbe (Ma):

*lab*tch**

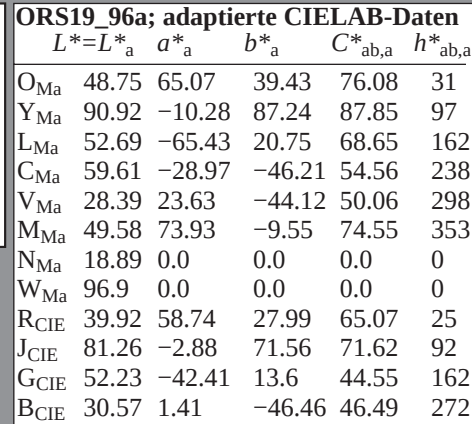
$LAB*LAB*M_2: 87 \quad -2 \quad 83$

LAB*LCH*Ma: 87 83 92

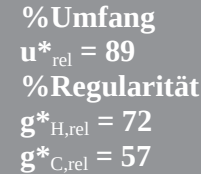
*lab*rgb*_{Ma}: 1.0 1.0 0.0

lab*olv*Ma: 1.0 0.91 0.0

Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



n CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 110/360 = 0.305$ $u^* = j25g$

Daten für Maximalfarbe (Ma):

*lab*tch**

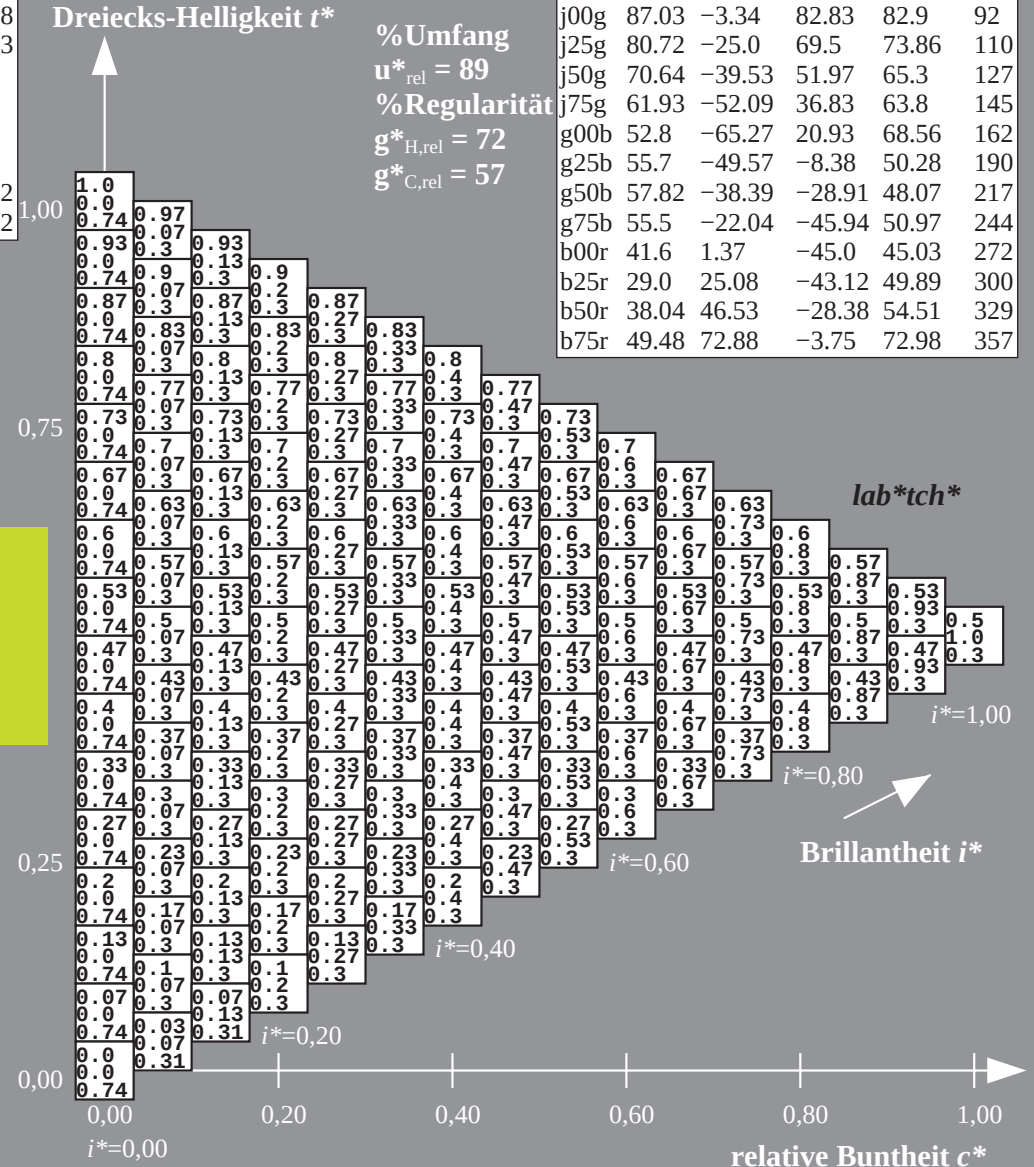
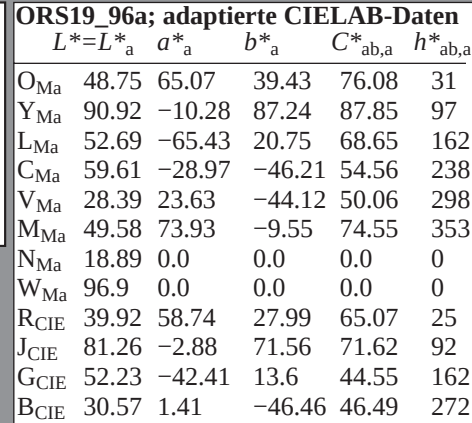
CIELAB-Daten

LAB*LAB*_{Ma}: 81 -24 69

LAB*LCH*Ma: 81 74 110

***lab*rgb**_{Ma}: 0.75 1.0 0.0**

lab*olv*_Ma: 0.73 1.0 0.0



CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ $u^* = j50q$

Daten für Maximalfarbe (Ma):

*lab*tch**

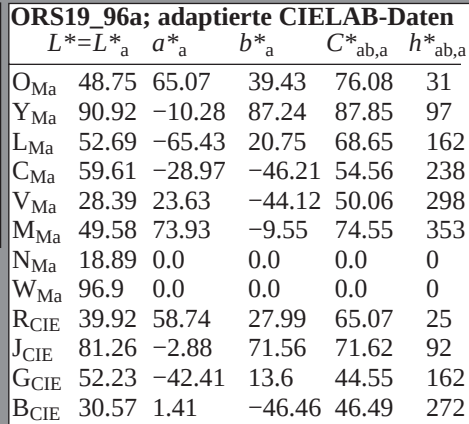
***LAB*LAB*_{Ma}: 71 -39 52**

LAB*LCH*Ma: 71 65 127

lab*rgb*_{Ma}: 0.5 1.0 0.0

lab*olv*Ma: 0.47 1.0 0.0

Dreiecks-Helligkeit t^*



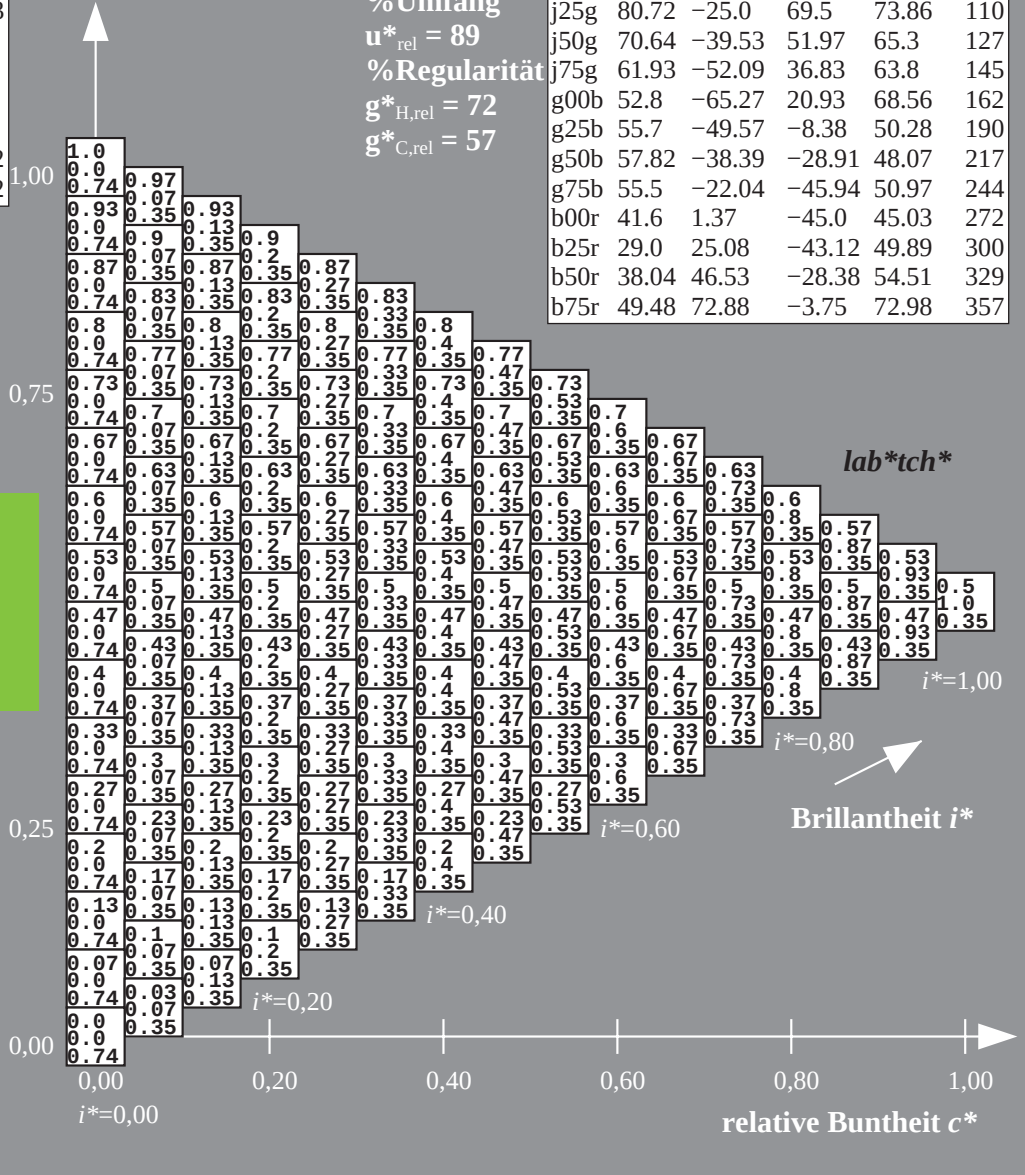
ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ $u^* = j75g$

Daten für Maximalfarbe (Ma):

*lab*tch**

CIELAB-Date:

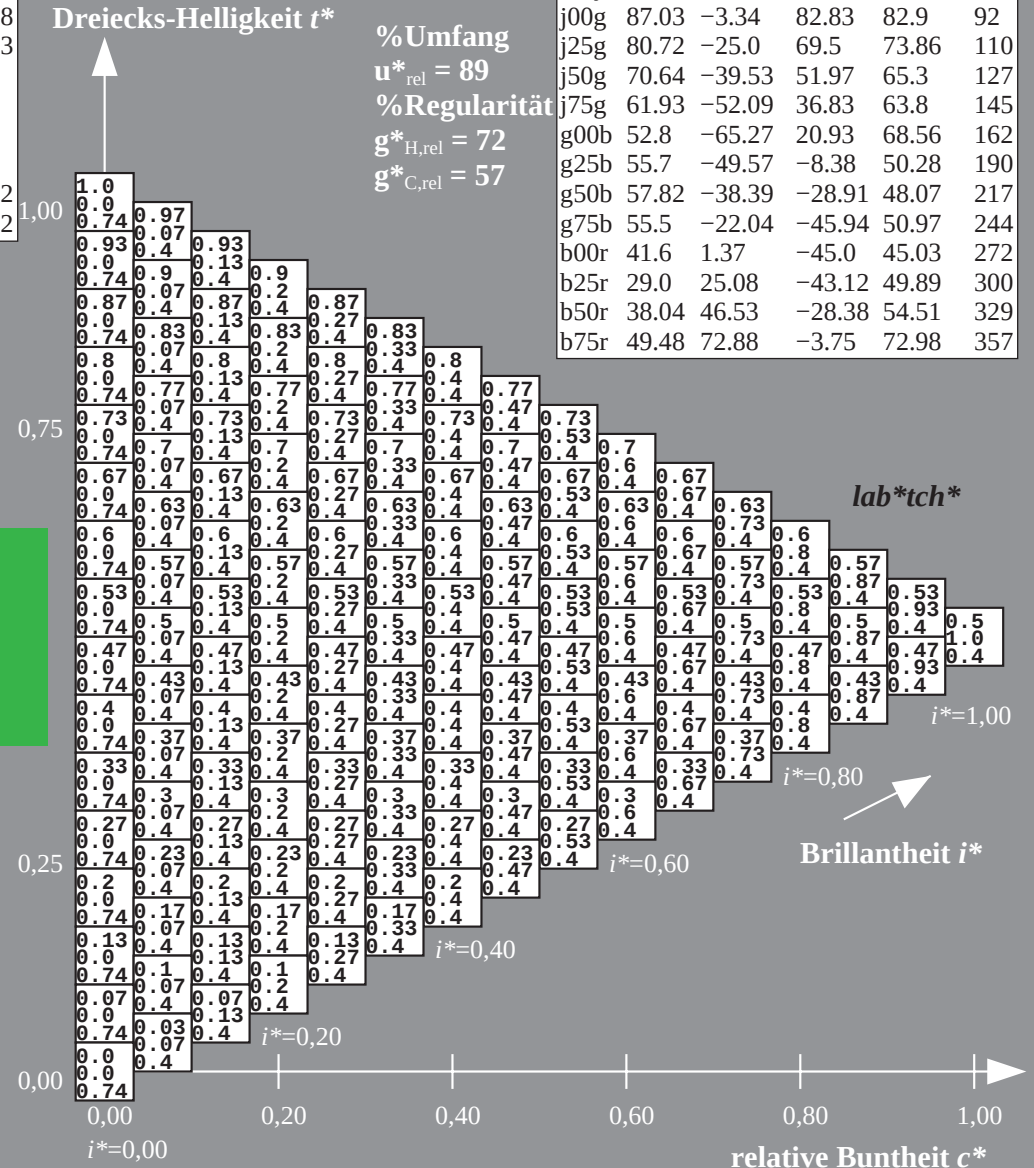
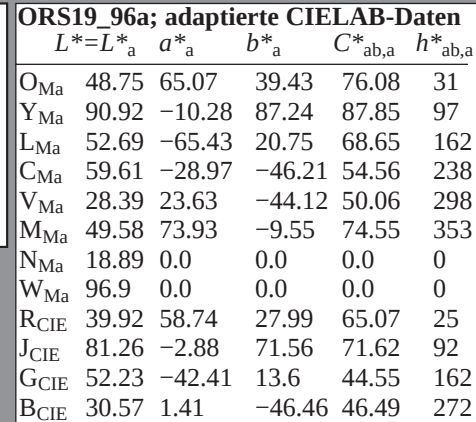
LAB*LAB*_{Ma}: 62 -51 37

LAB*LCH*Ma: 62 64 145

lab*rgb*_Ma: 0.25 1.0 0.0

lab*olv*_Ma: 0.24 1.0 0.0

Dreiecks-Helligkeit t^*



n CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$ $u^* = g00b$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 53 -64 21

LAB*LCH*Ma: 53 69 162

lab*rgb*_Ma: 0.0 1.0 0.0

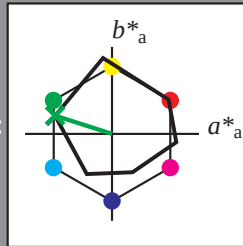
lab*olv*_Ma: 0.0 1.0 0.0

Dreiecks-Helligkeit t^*

%Umfang

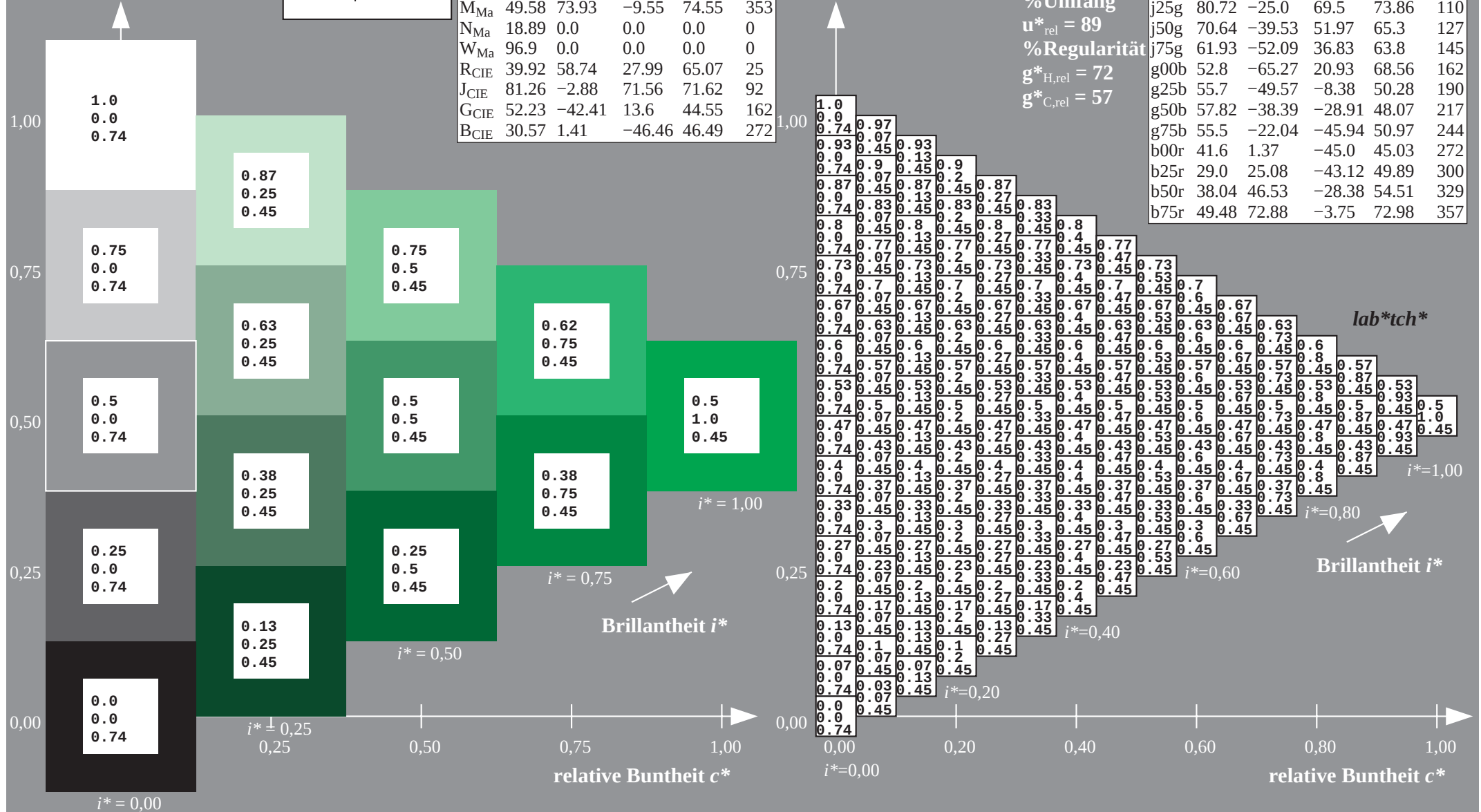
$$\mathbf{u}_{\text{rel}}^* = 89$$

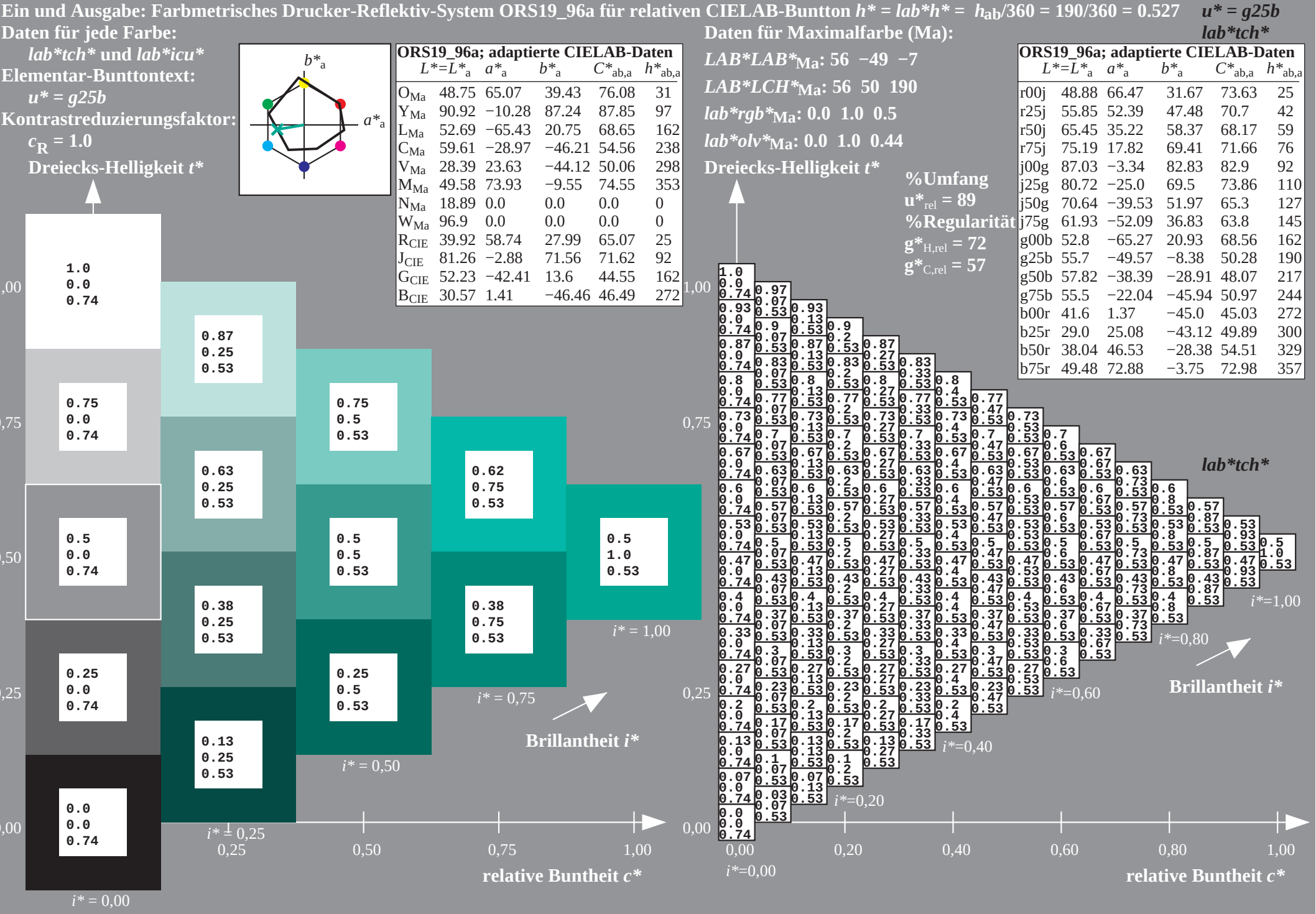
%Regular

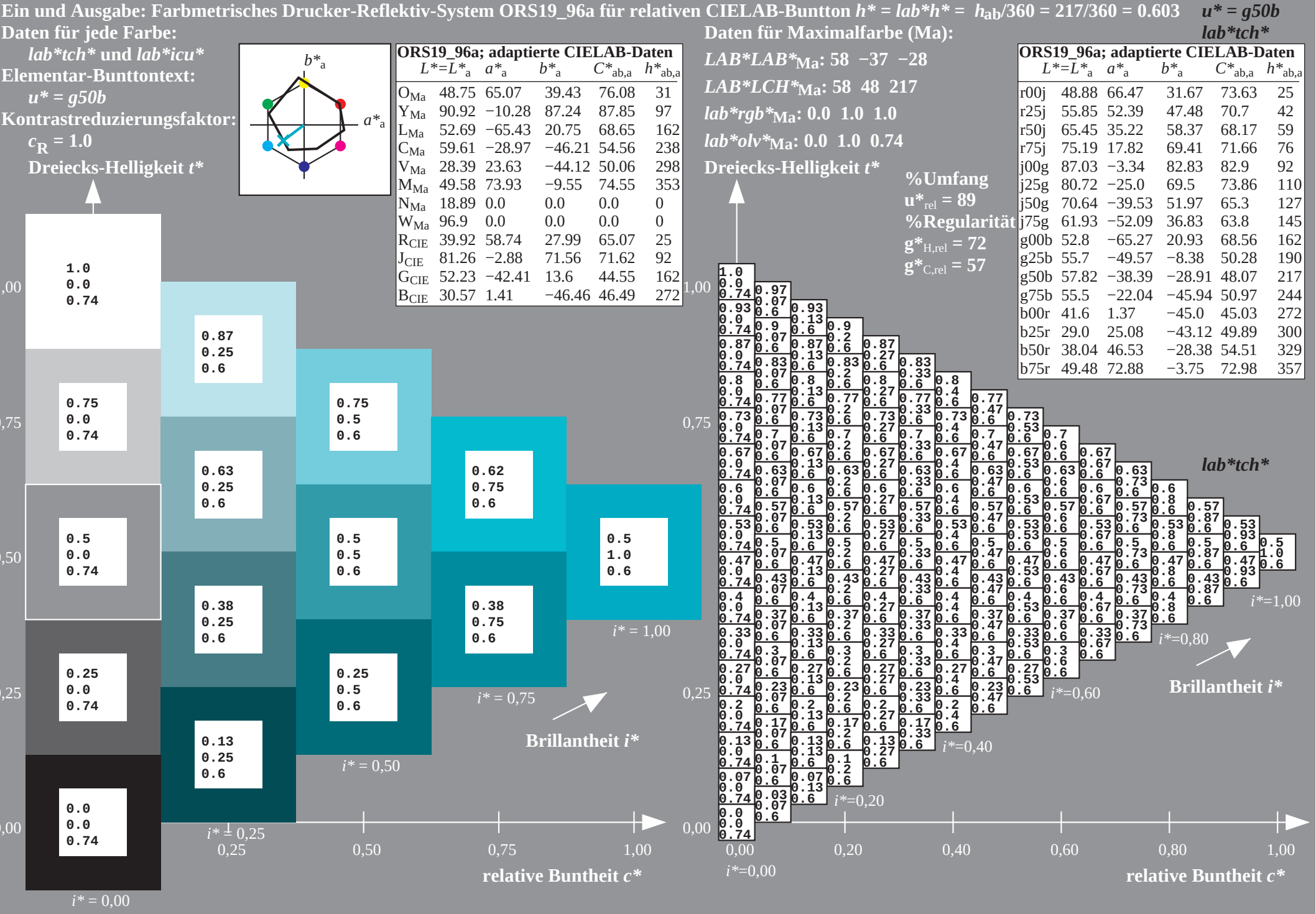
$$g_{H,rel}^* = 72$$


ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	48.88	66.47	31.67	73.63	25	
r25j	55.85	52.39	47.48	70.7	42	
r50j	65.45	35.22	58.37	68.17	59	
r75j	75.19	17.82	69.41	71.66	76	
j00g	87.03	-3.34	82.83	82.9	92	
j25g	80.72	-25.0	69.5	73.86	110	
j50g	70.64	-39.53	51.97	65.3	127	
j75g	61.93	-52.09	36.83	63.8	145	
g00b	52.8	-65.27	20.93	68.56	162	
g25b	55.7	-49.57	-8.38	50.28	190	
g50b	57.82	-38.39	-28.91	48.07	217	
g75b	55.5	-22.04	-45.94	50.97	244	
b00r	41.6	1.37	-45.0	45.03	272	
b25r	29.0	25.08	-43.12	49.89	300	
b50r	38.04	46.53	-28.38	54.51	329	
b75r	49.48	72.88	-3.75	72.98	357	







n CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$ $u^* = b00r$

Daten für Maximalfarbe (Ma):

*lab*tch**

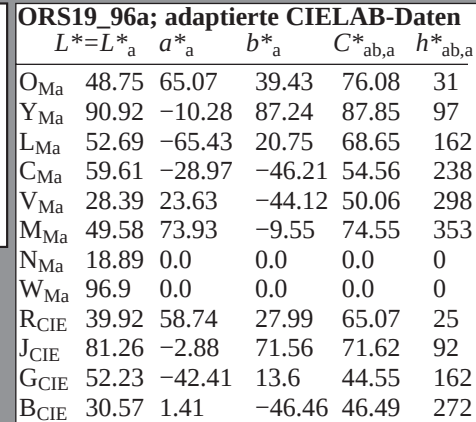
CIELAB-Date:

LAB*LAB*_{Ma}: 42 1 -44

LAB*LCH*Ma: 42 45 272

***lab*rgb*_{Ma}: 0.0 0.0 1.0**

lab*olv*Ma: 0.0 0.42 1.0

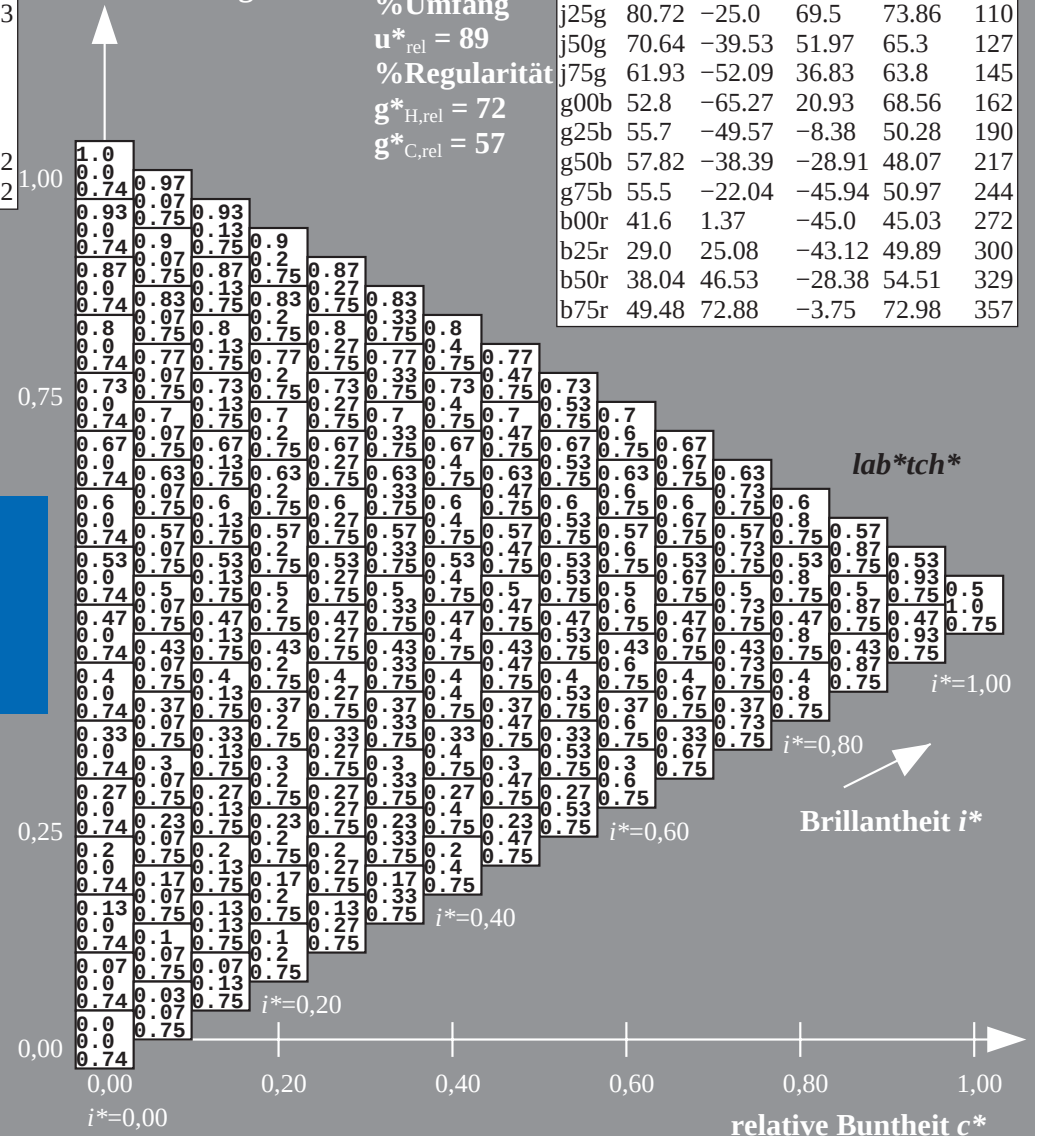
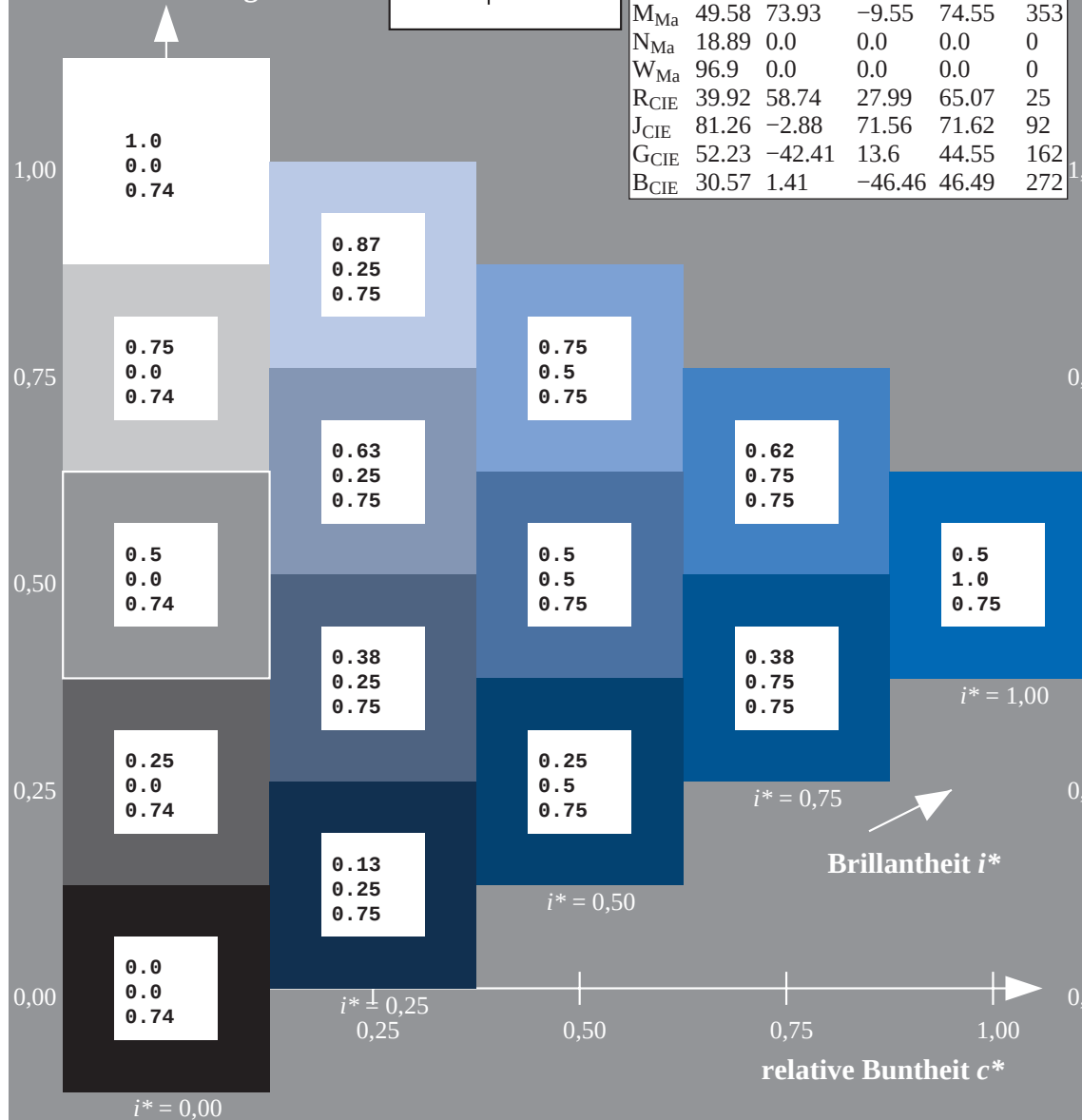


Dreiecks-Helligkeit t^*

%Umfang

$$u_{rel}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$ $u^* = b25r$

Daten für Maximalfarbe (Ma):

*lab*tch**

CIELAB-Date:

*LAB*LAB**M₃: 29 25 -42

LAP*LCII* : 20 50 300

LAB LCH Ma: 29 50 5

lab*rgb*Ma: 0.5 0.0 1.0

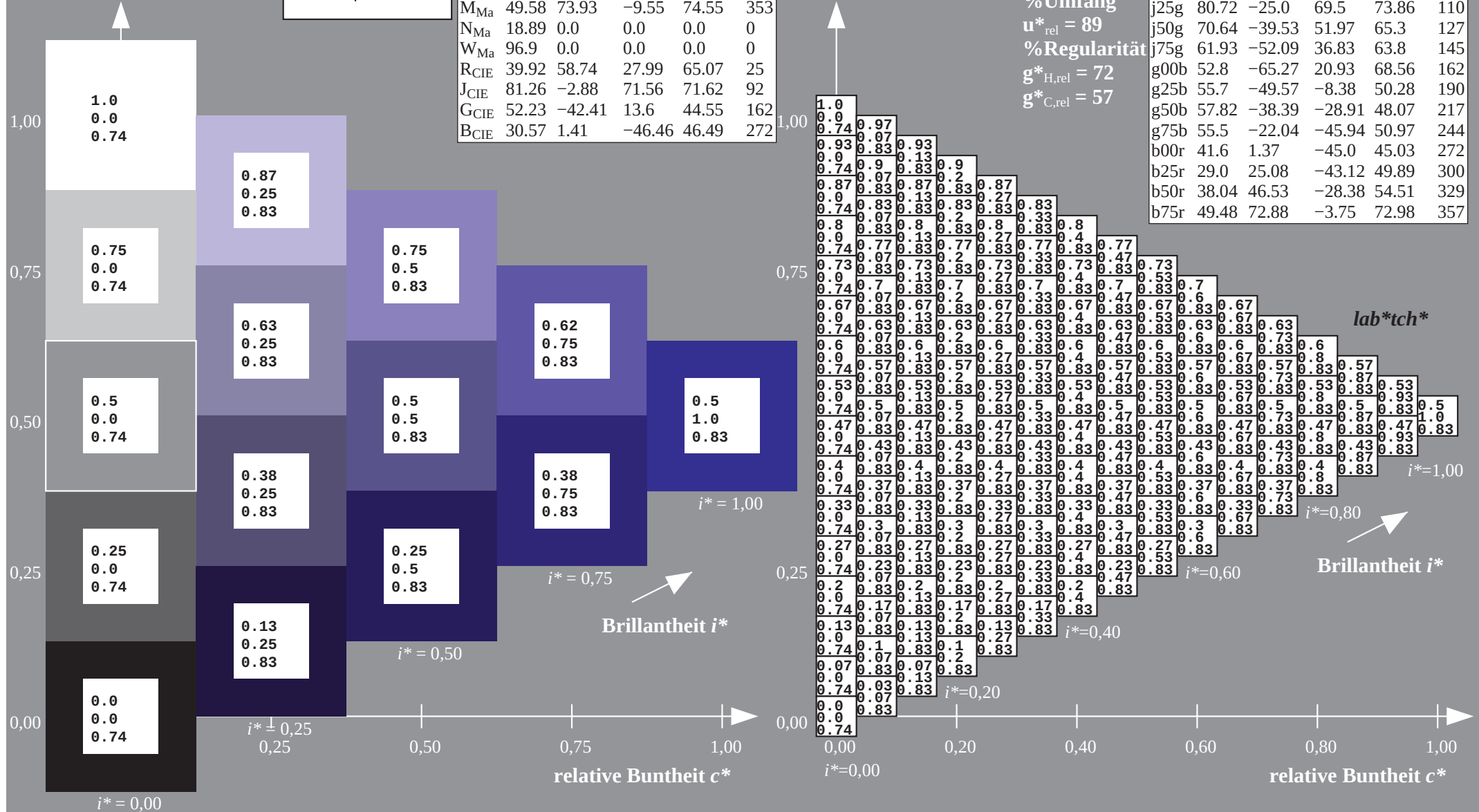
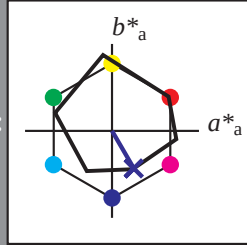
$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$ $u^* = b50r$

Daten für Maximalfarbe (Ma):

*lab*tch**

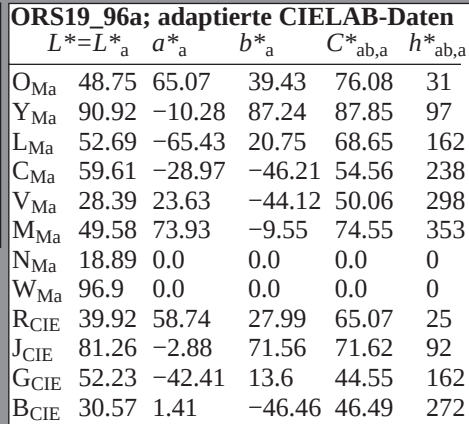
***LAB*LAB**_{Ma}: 38 47 -27**

LAB*LCH*Ma: 38 55 329

***lab*rgb*_{Ma}: 1.0 0.0 1.0**

lab*olv*_{Ma}: 0.46 0.0 1.0

Dreiecks-Helligkeit t^*



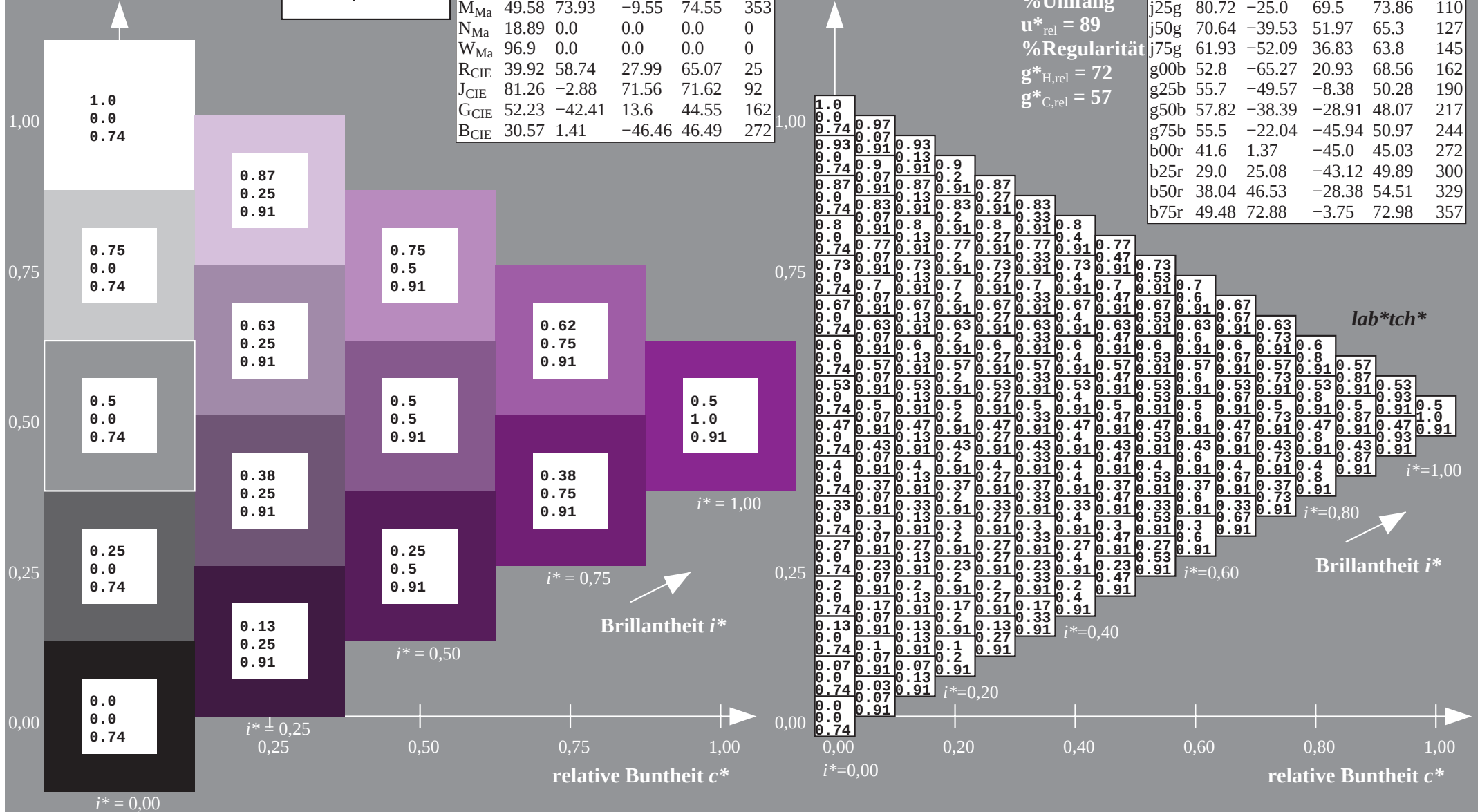
ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


n CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ $u^* = b75r$

Daten für Maximalfarbe (Ma):

*lab*tch**

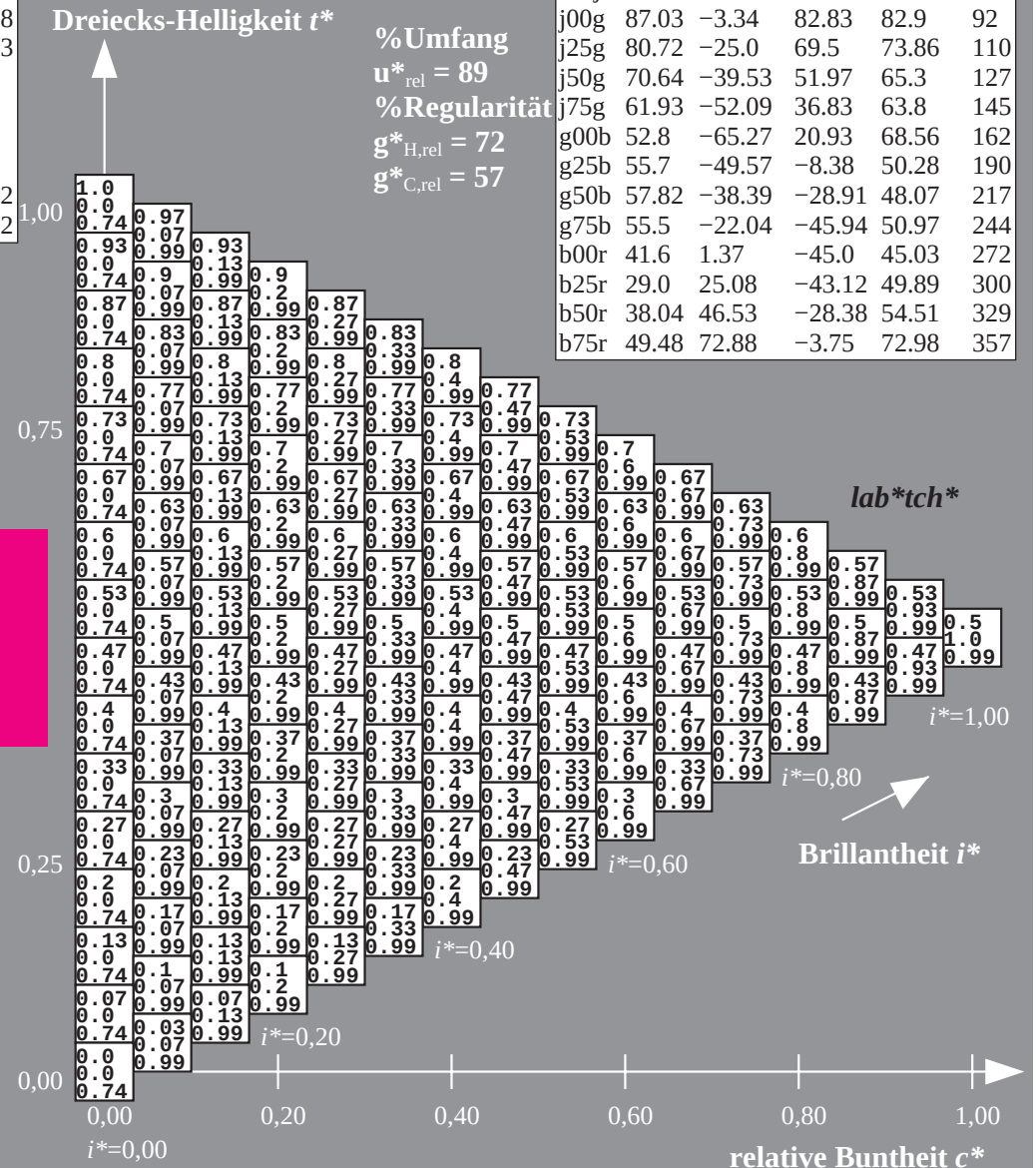
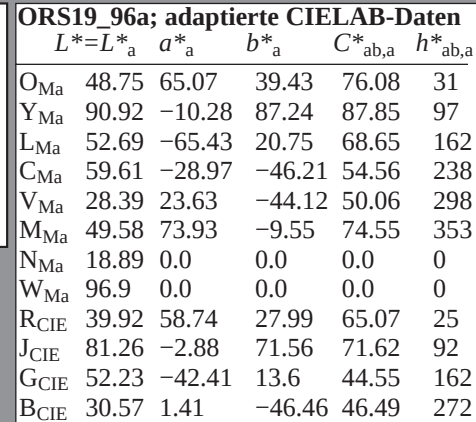
LAB*LAB*_{Ma}: 49 73 -3

LAB*LCH*Ma: 49 73 357

***lab*rgb*_{Ma}: 1.0 0.0 0.5**

lab*olv*Ma: 1.0 0.0 0.88

Dreiecks-Helligkeit t^*

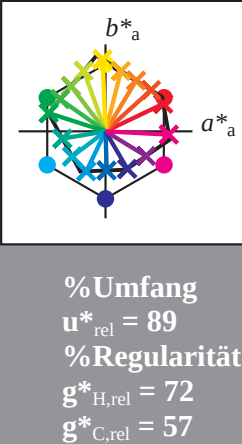


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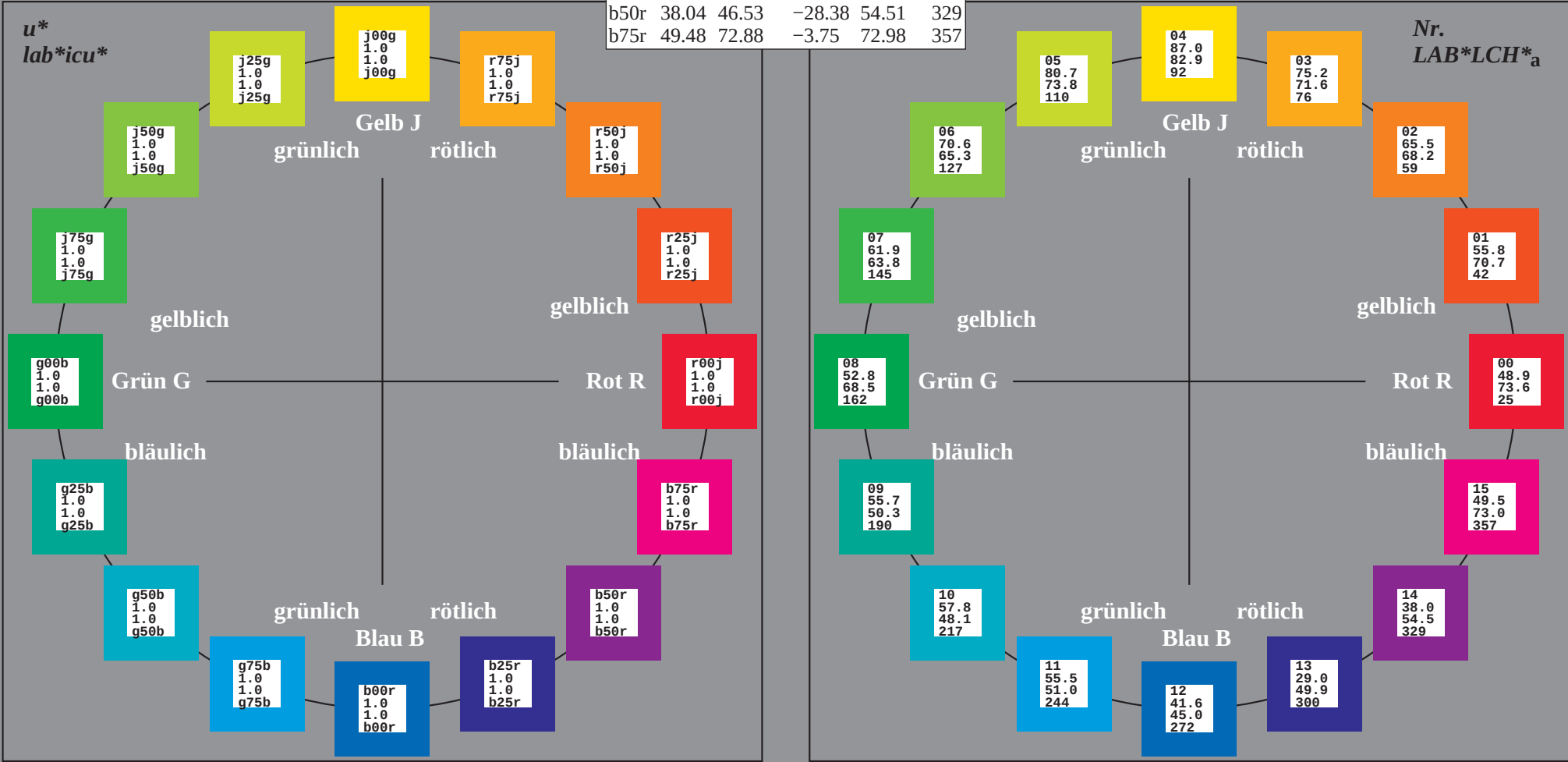
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	lab*tch*					
01	0.0	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	1.0	0.94	0.87	0.81	0.75	0.69	0.62	0.56	0.5	0.0	0.0	0.0	0.0			
02	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.12	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.25	0.25	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.0	0.0	0.0	0.0			
03	0.06	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.06	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.13	0.13	0.13	0.13			
04	0.12	0.12	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.12	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.87	0.12	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.87	0.0	0.0	0.0	0.0			
05	0.83	0.66	0.54	0.5	0.49	0.48	0.47	0.47	0.47	0.98	0.74	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.03	0.09	0.27	0.35	0.38	0.4	0.41	0.42	0.42	0.66	0.74	0.69	0.09	0.09	0.09	0.09	0.09	0.09	0.74	0.74	0.74	0.74			
06	0.13	0.13	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.13	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.13	0.19	0.25	0.31	0.38	0.44	0.5	0.56	0.62	0.87	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.25	0.25	0.25	0.25			
07	0.25	0.25	0.25	0.37	0.5	0.62	0.75	0.87	1.0	0.25	0.13	0.19	0.25	0.38	0.5	0.63	0.75	0.87	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0			
08	0.83	0.74	0.66	0.58	0.54	0.52	0.5	0.5	0.49	0.92	0.83	0.66	0.54	0.5	0.49	0.48	0.47	0.47	0.98	0.98	0.74	0.45	0.45	0.45	0.45	0.45	0.45	0.66	0.66	0.74	0.69	0.09	0.09	0.09	0.09	0.09	0.74	0.74	0.74	0.74			
09	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.62	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.38	0.38	0.38	0.38			
10	0.37	0.37	0.37	0.37	0.5	0.62	0.75	0.87	1.0	0.37	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.87	0.37	0.25	0.13	0.13	0.25	0.38	0.5	0.63	0.75	0.37	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.62	0.0	0.0	0.0	0.0			
11	0.83	0.77	0.71	0.66	0.6	0.57	0.54	0.53	0.51	0.89	0.83	0.74	0.66	0.58	0.54	0.52	0.5	0.5	0.94	0.92	0.83	0.66	0.54	0.5	0.49	0.48	0.47	0.66	0.66	0.66	0.74	0.69	0.09	0.09	0.09	0.09	0.74	0.74	0.74	0.74			
12	0.25	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.25	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.62	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63	0.63		
13	0.5	0.5	0.5	0.5	0.5	0.62	0.75	0.87	1.0	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.87	0.5	0.38	0.25	0.25	0.38	0.5	0.63	0.75	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0		
14	0.83	0.79	0.74	0.7	0.66	0.62	0.58	0.56	0.54	0.88	0.83	0.77	0.71	0.66	0.6	0.57	0.54	0.53	0.92	0.89	0.83	0.74	0.66	0.58	0.54	0.52	0.5	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.74	0.74	0.74	0.74			
15	0.31	0.31	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.31	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.31	0.38	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.62	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.63	0.63	0.63	0.63		
16	0.62	0.62	0.62	0.62	0.62	0.62	0.75	0.87	1.0	0.62	0.5	0.5	0.5	0.5	0.5	0.63	0.75	0.87	0.62	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.62	0.5	0.38	0.25	0.13	0.0	0.13	0.25	0.38	0.5	0.63	0.75	0.0	0.0	0.0	0.0
17	0.83	0.8	0.76	0.72	0.69	0.66	0.63	0.6	0.57	0.87	0.83	0.79	0.74	0.7	0.66	0.62	0.58	0.56	0.9	0.88	0.83	0.77	0.71	0.66	0.6	0.57	0.54	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.74	0.74	0.74	0.74			
18	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.38	0.44	0.44	0.44	0.44	0.44	0.5	0.56	0.38	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.62	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.19	0.75	0.75	0.75	0.75	
19	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	1.0	0.75	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.75	0.63	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
20	0.83	0.8	0.77	0.74	0.71	0.68	0.66	0.63	0.6	0.86	0.83	0.8	0.76	0.72	0.69	0.66	0.63	0.6	0.89	0.87	0.83	0.79	0.74	0.7	0.66	0.62	0.58	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.74	0.74	0.74	0.74			
21	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.5	0.44	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.44	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56		
22	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	1.0	0.87	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	0.87	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87		
23	0.83	0.81	0.78	0.75	0.73	0.7	0.68	0.66	0.63	0.86	0.83	0.8	0.77	0.74	0.71	0.68	0.66	0.63	0.88	0.86	0.83	0.8	0.76	0.72	0.69	0.66	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63		
24	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.5	0.56	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62		
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	1.0	0.87	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87	0.87			
26	0.83	0.81	0.79	0.76	0.74	0.72	0.7	0.68	0.66	0.85	0.83	0.81	0.78	0.75	0.73	0.7	0.68	0.66	0.88	0.86	0.83	0.8	0.77	0.74	0.71	0.68	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.66		
27	0.19	0.19	0.19	0.19	0.25	0.31	0.38	0.44	0.5	0.25	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31			
28	0.37	0.37	0.37	0.37	0.5	0.62	0.75	0.87	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.62	0.75	0.87	1.0	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62			
29	0.09	0.15	0.22	0.27	0.3	0.33	0.35	0.36	0.37	0.09	0.13	0.19	0.23	0.27	0.29	0.32	0.33	0.35	0.09	0.12	0.16	0.2	0.24	0.27	0.29	0.31	0.32	0.74	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27			
30	0.19	0.25	0.25	0.25	0.31	0.38	0.44	0.5	0.56	0.25	0.31	0.31	0.31	0.31	0.38	0.44	0.5	0.56	0.31	0.38	0.38	0.38	0.38	0.38	0.44	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.07	0.07	0.07	0.07			
31	0.37	0.25	0.25	0.25	0.38	0.5	0.63	0.75	0.87	0.5	0.38	0.38	0.38	0.38	0.5	0.63	0.75	0.87	0.62	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.56	0.94	0.88	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.0	0.0	0.0	0.0			
32	0.05	0.09	0.19	0.27	0.32	0.35	0.37	0.38	0.39	0.06	0.09	0.15	0.22	0.27	0.3	0.33	0.35	0.36	0.07	0.09	0.13	0.19	0.23	0.27	0.29	0.32	0.33	0.83	0.74	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27			
33	0.19	0.25	0.31	0.31	0.38	0.44	0.5	0.56	0.62	0.25	0.31	0.38	0.38	0.38	0.44	0.5	0.56	0.62	0.31	0.38	0.44	0.44	0.44	0.44	0.5	0.56	0.62	0.87	0.81	0.75	0.69	0.63	0.56	0.5	0.44	0.38	0.31	0.25	0.13	0.13	0.13		

Ein und Ausgabe:
Farbmetrisches Drucker-Reflektiv-System ORS19_96a
Daten für jede Farbe:
lab*tch* und lab*icu*
Elementar-Bunttontext:
u* = 16 Bunttöne r00j, r25j, ..., b75r
Kontrastreduzierungsfaktor:
c_R = 1.0

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



$$u^* = r00j$$

Daten für Maximalfarbe (Ma):

*lab*icu**

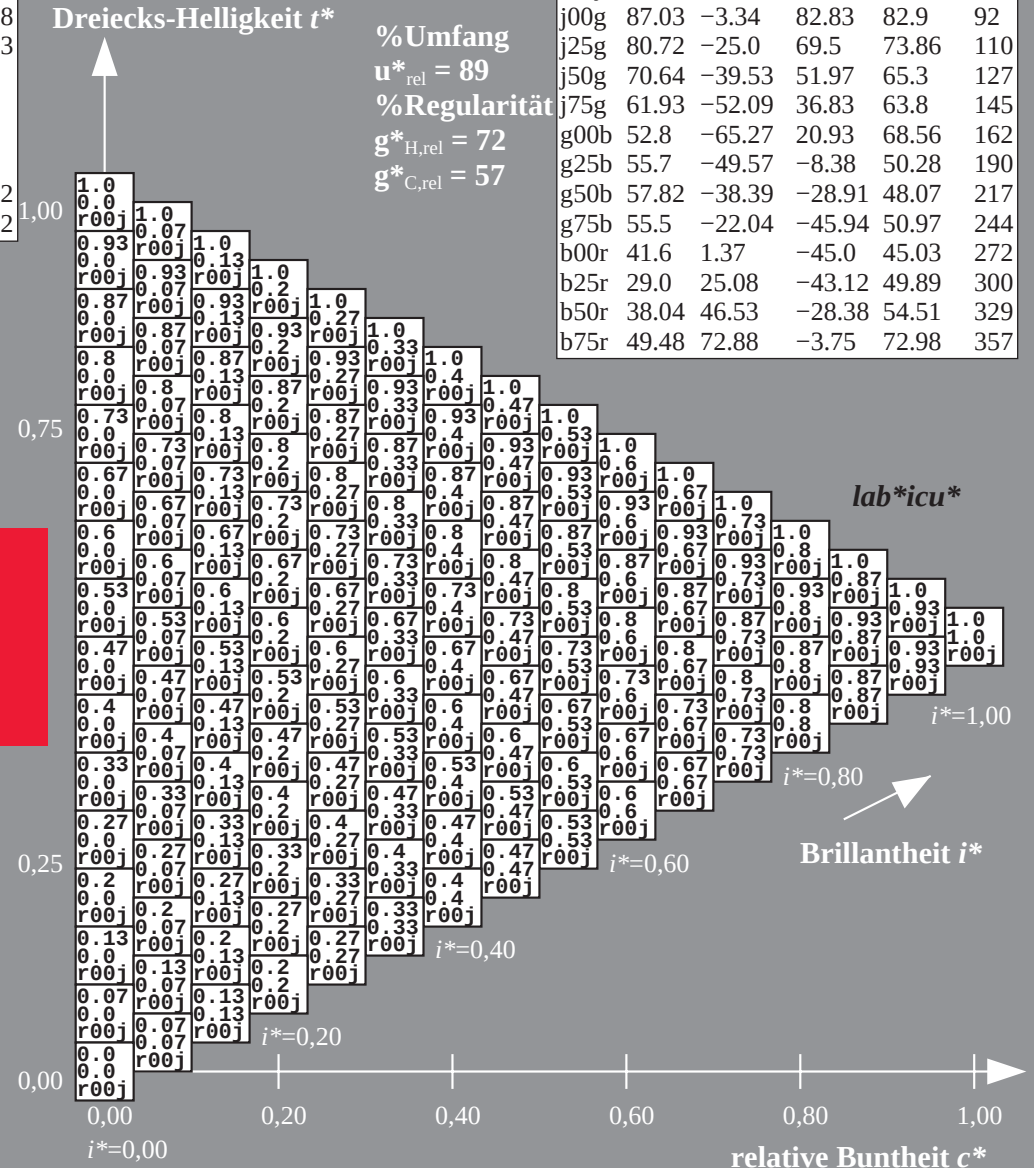
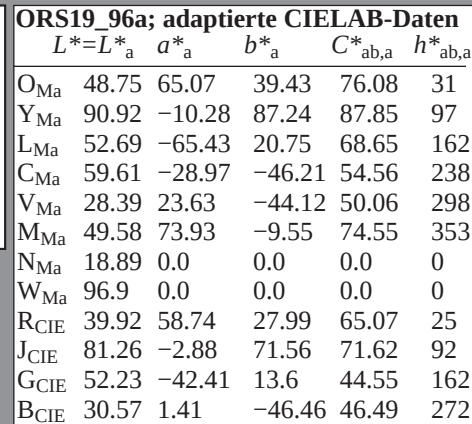
LAB*LAB*_{Ma}: 49 66 32

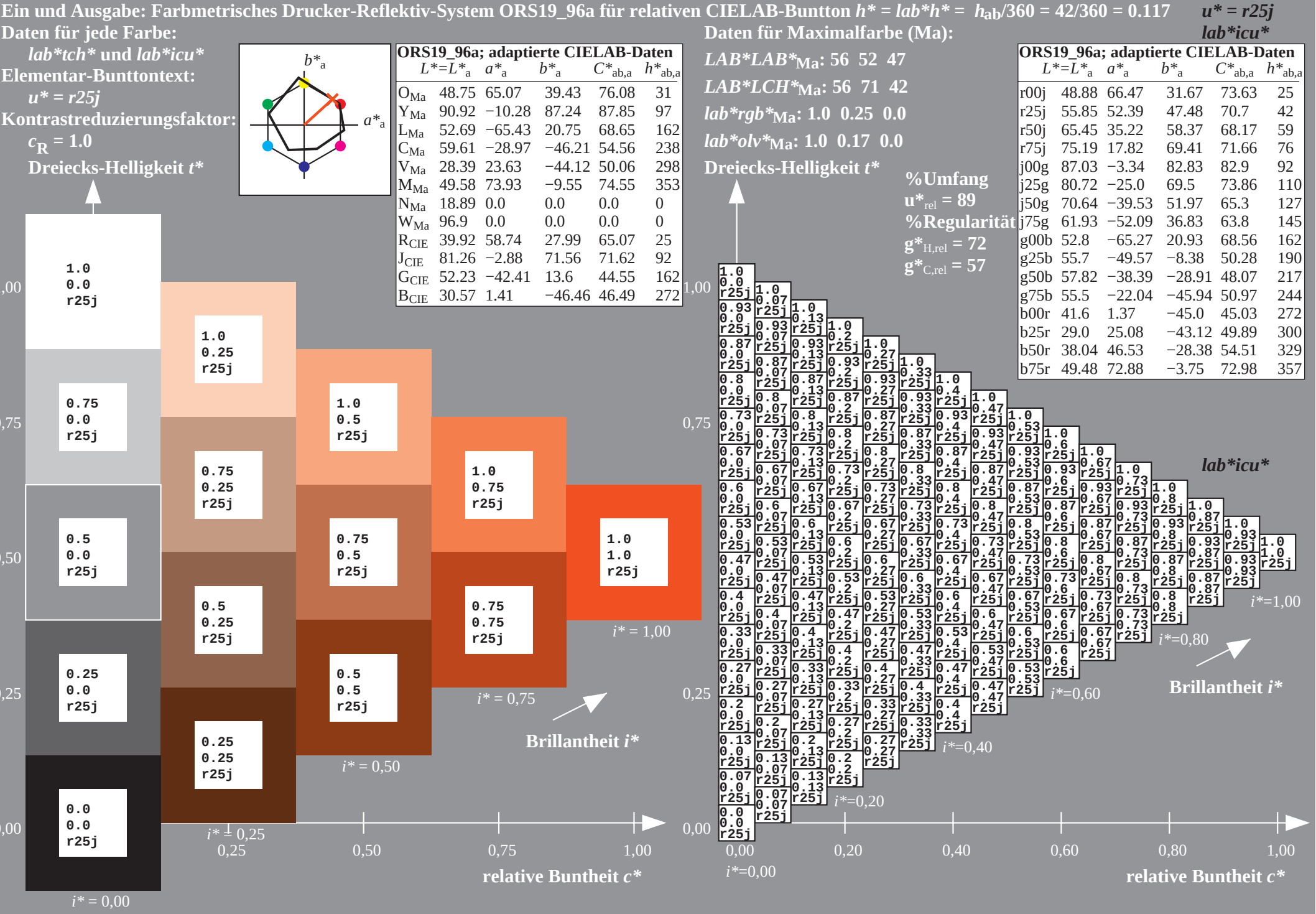
LAB*LCH*_{Ma}: 49 74 25

***lab*rgb**_{Ma}: 1.0 0.0 0.0**

lab*olv*_Ma: 1.0 0.0 0.16

Dreiecks-Helligkeit t^*





in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$ $u^* = r50j$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{Ma}: 65 35 58

LAB*LCH*Ma: 65 68 59

*lab*rgb*_{Ma}: 1.0 0.5 0.0

lab*olv*_{Ma}: 1.0 0.4 0.0

Dreiecks-Helligkeit t^*

%Umfang

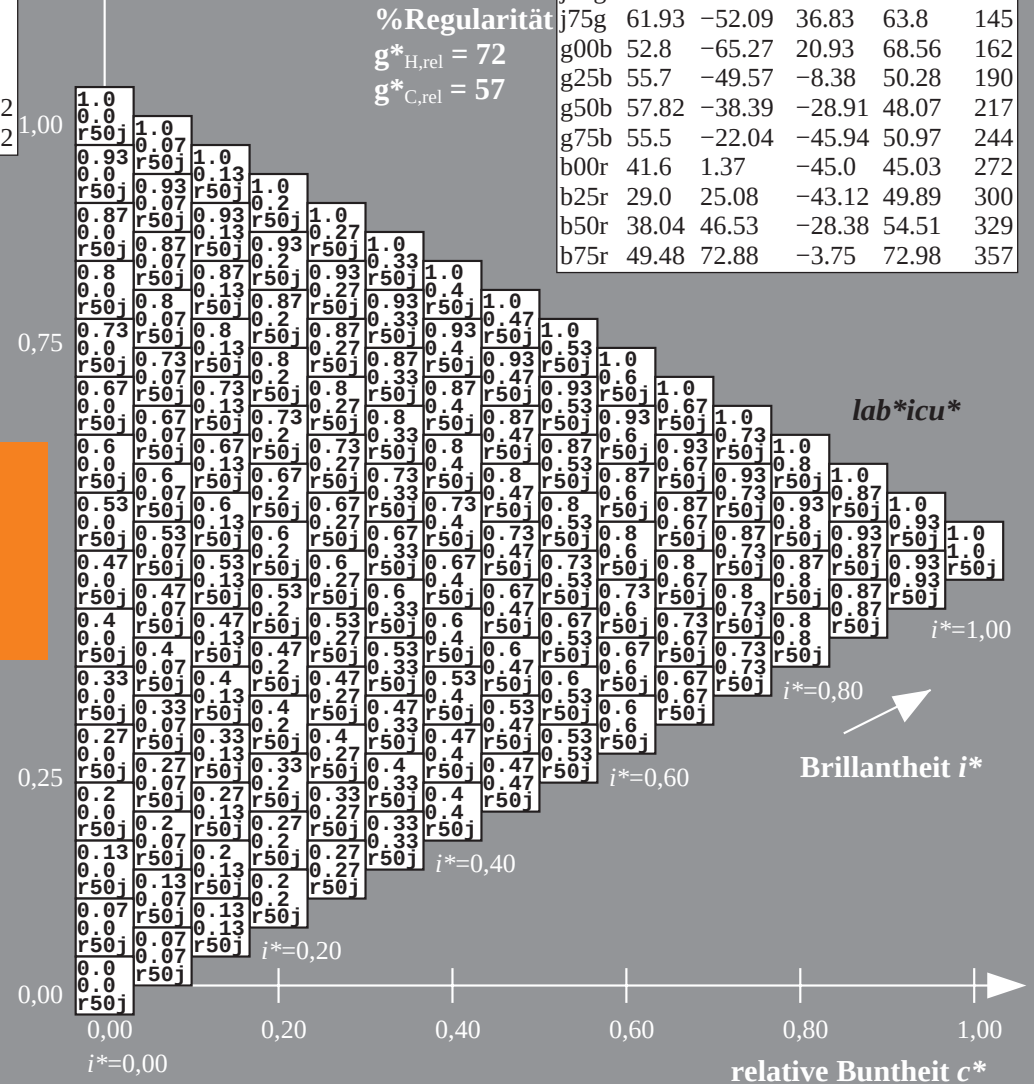
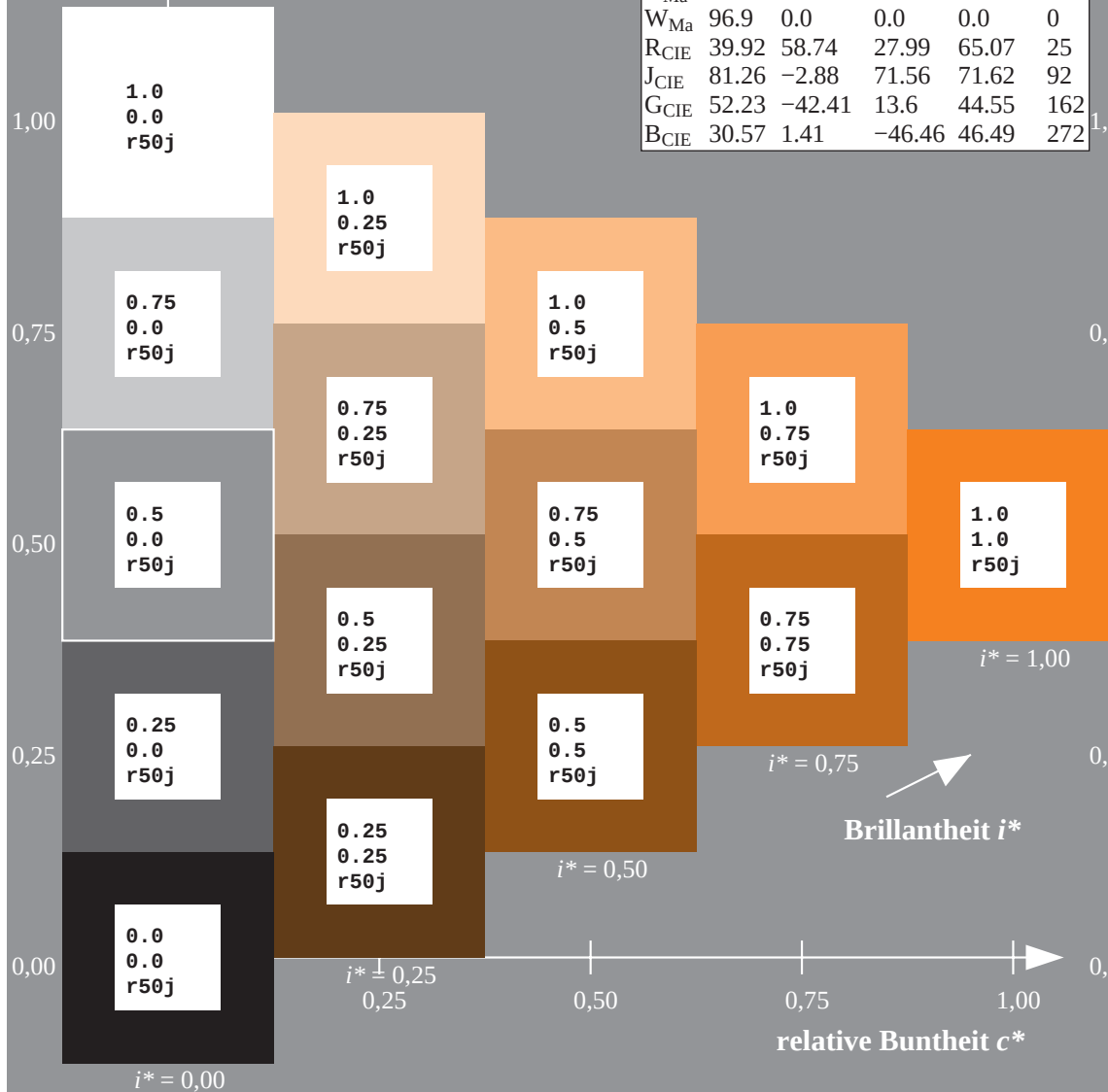
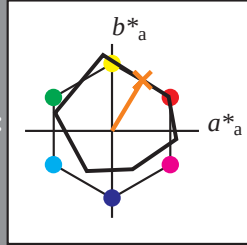
$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regular

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS19_96a; adaptierte CIELAB-Daten					
	L^*_{a}	a^*_{a}	b^*_{a}	$C^*_{\text{ab,a}}$	$h^*_{\text{ab,a}}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten						
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	48.88	66.47	31.67	73.63		25
r25j	55.85	52.39	47.48	70.7		42
r50j	65.45	35.22	58.37	68.17		59
r75j	75.19	17.82	69.41	71.66		76
j00g	87.03	-3.34	82.83	82.9		92
j25g	80.72	-25.0	69.5	73.86		110
j50g	70.64	-39.53	51.97	65.3		127
j75g	61.93	-52.09	36.83	63.8		145
g00b	52.8	-65.27	20.93	68.56		162
g25b	55.7	-49.57	-8.38	50.28		190
g50b	57.82	-38.39	-28.91	48.07		217
g75b	55.5	-22.04	-45.94	50.97		244
b00r	41.6	1.37	-45.0	45.03		272
b25r	29.0	25.08	-43.12	49.89		300
b50r	38.04	46.53	-28.38	54.51		329
b75r	49.48	72.88	-3.75	72.98		357



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

Daten für Maximalfarbe (Ma):

$$u^* = r75j$$

*lab*icu**

$LAB*LAB^*_{Ma}: 75 \ 18 \ 69$

LAB*LCH*Ma: 75 72 76

*lab*rgb*_Ma: 1.0 0.75 0.0*

lab*oly*Ma: 1.0 0.63 0.0

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

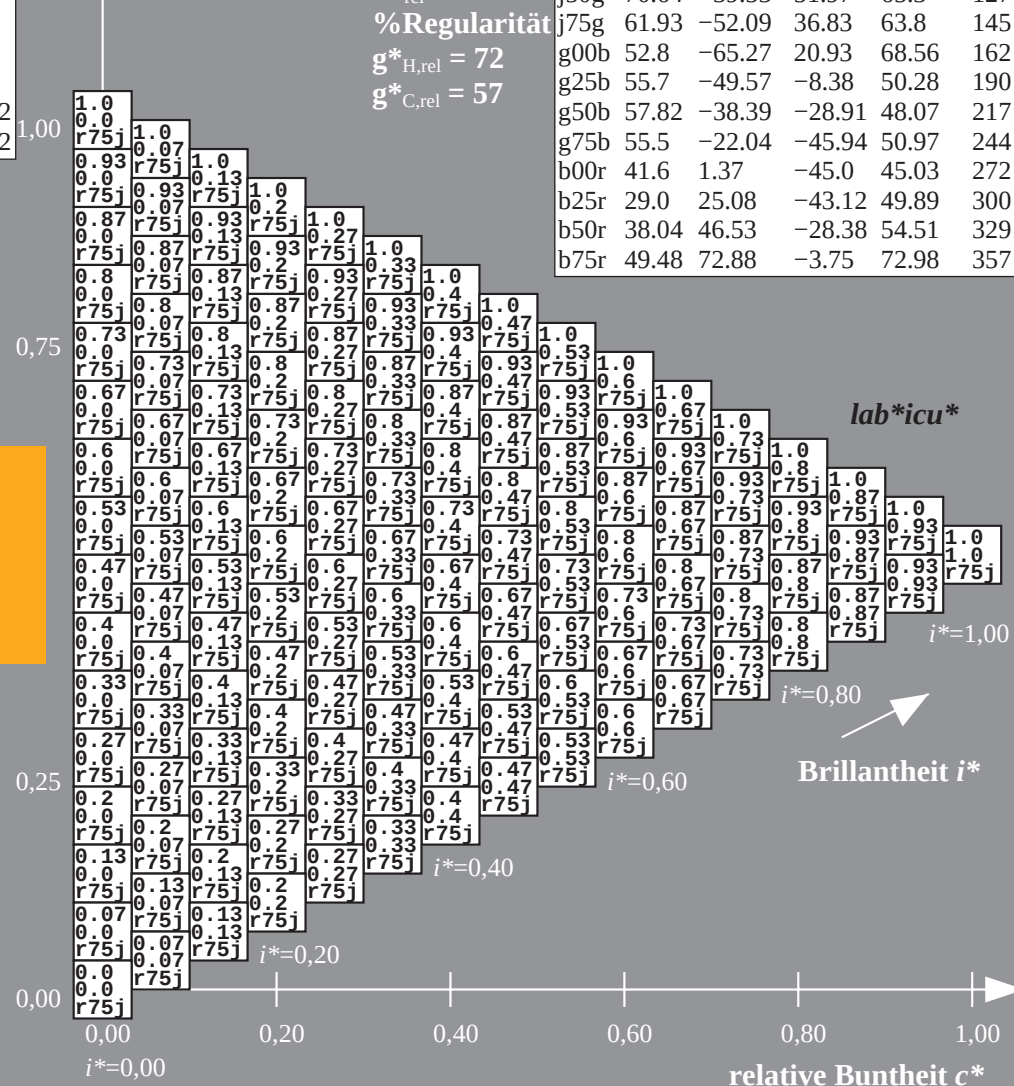
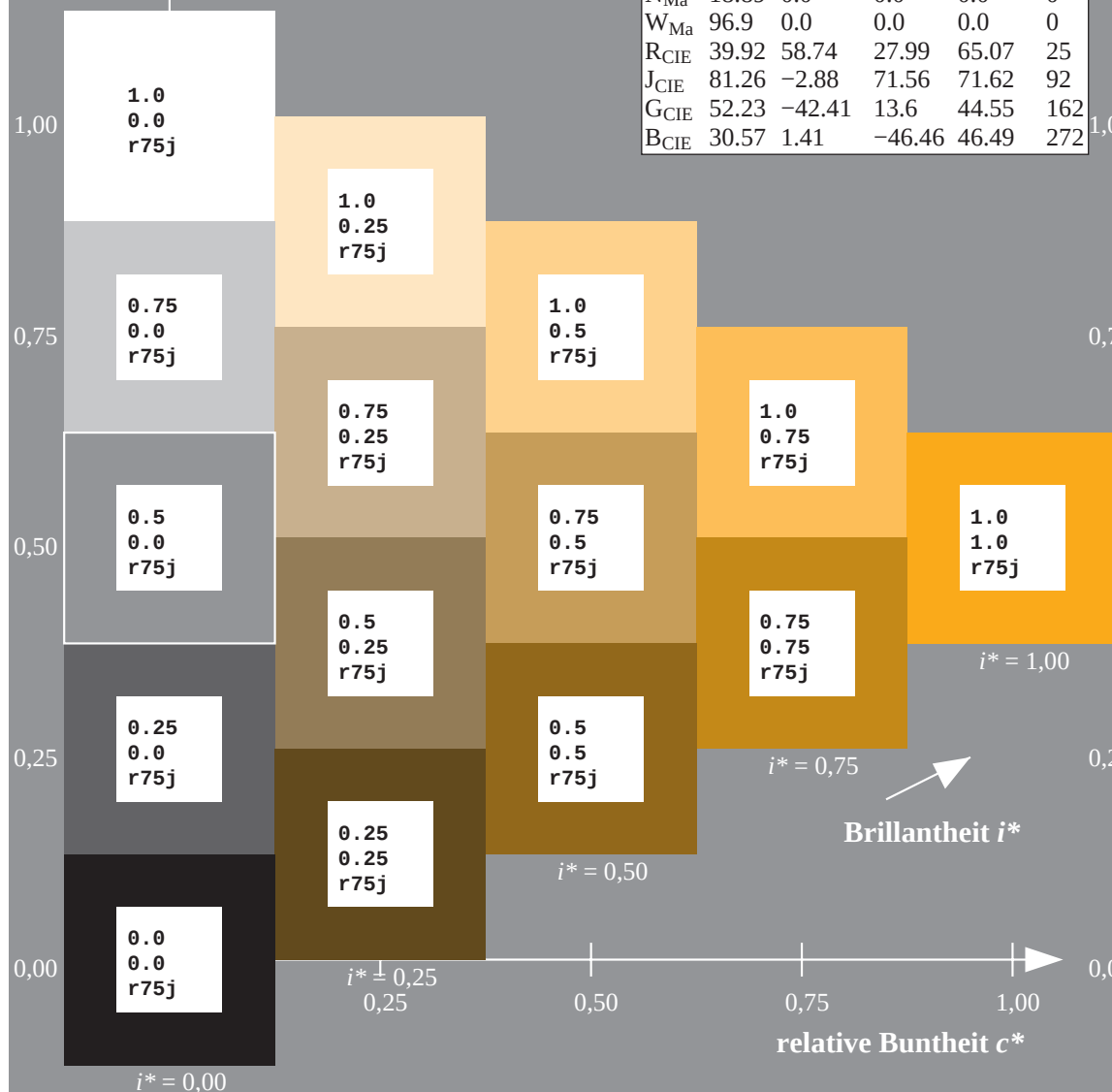
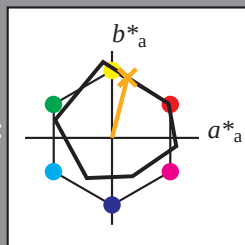
%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

Dreiecks-Helligkeit t^*

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



$$u^* = j00g$$

Daten für Maximalfarbe (Ma):

*lab*icu**

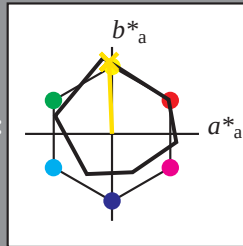
LAB*LAB*_{Ma}: 87 -2 83

LAB*LCH*Ma: 87 83 92

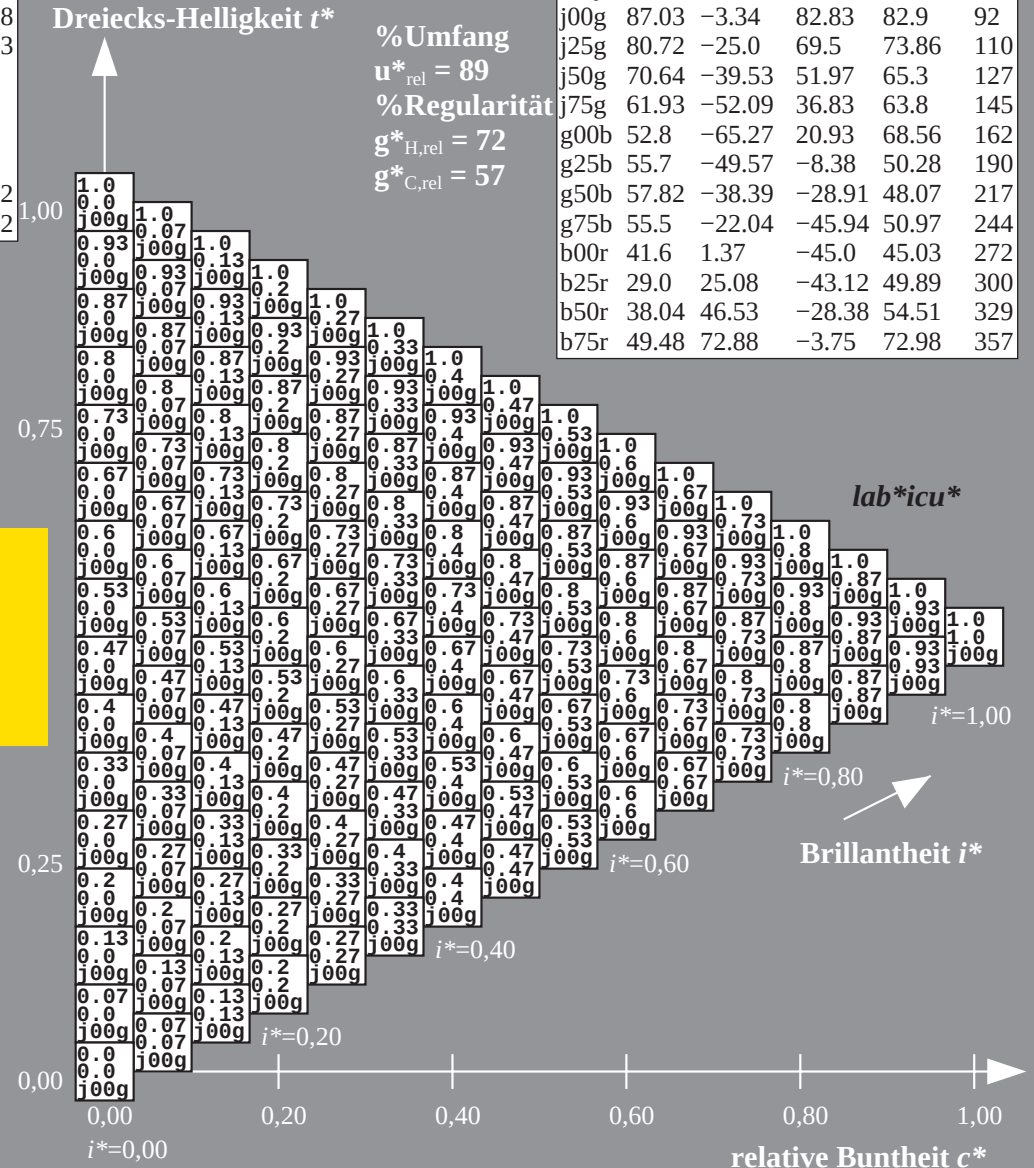
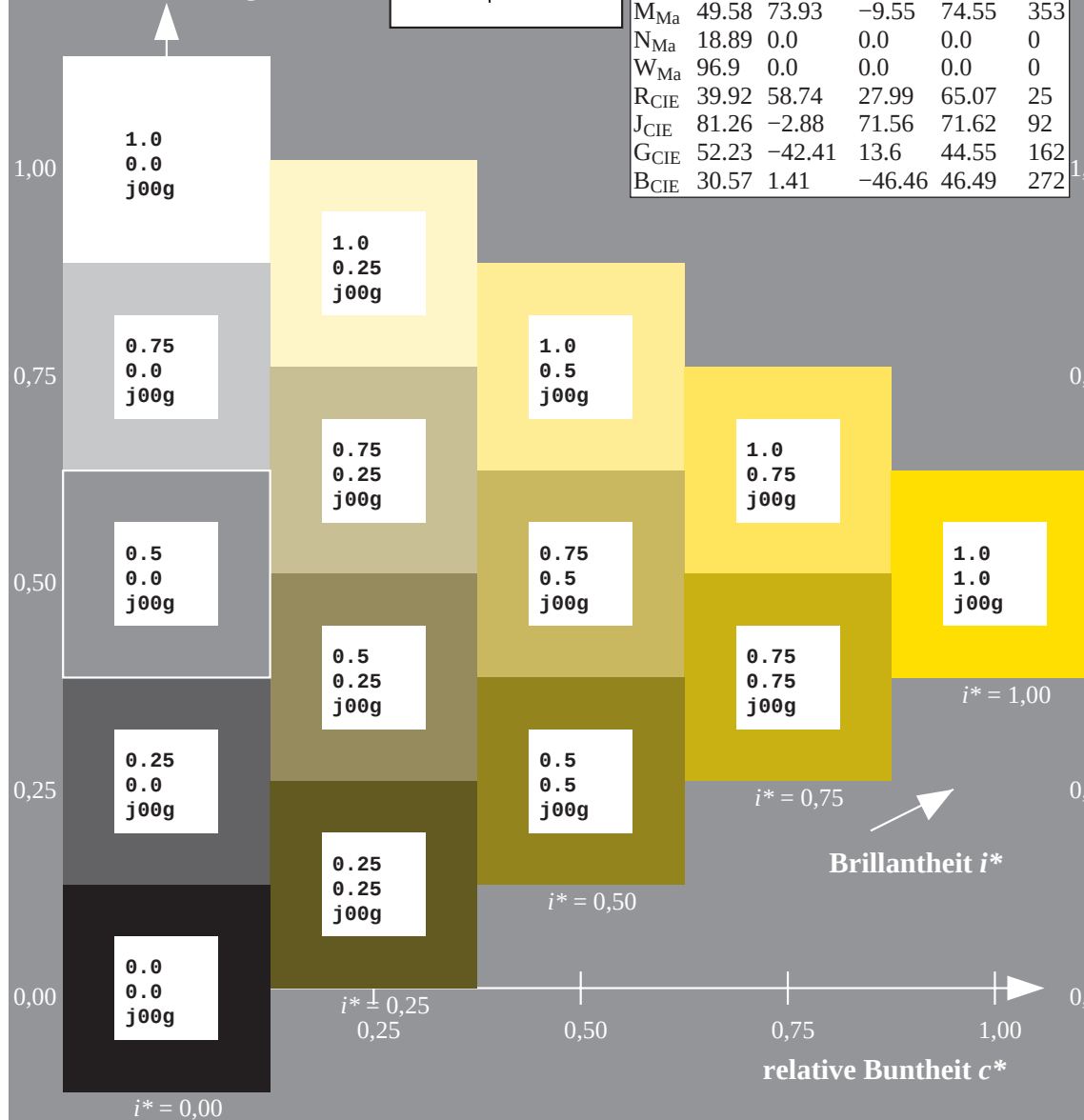
*lab*rgb**_{Ma}: 1.0 1.0 0.0

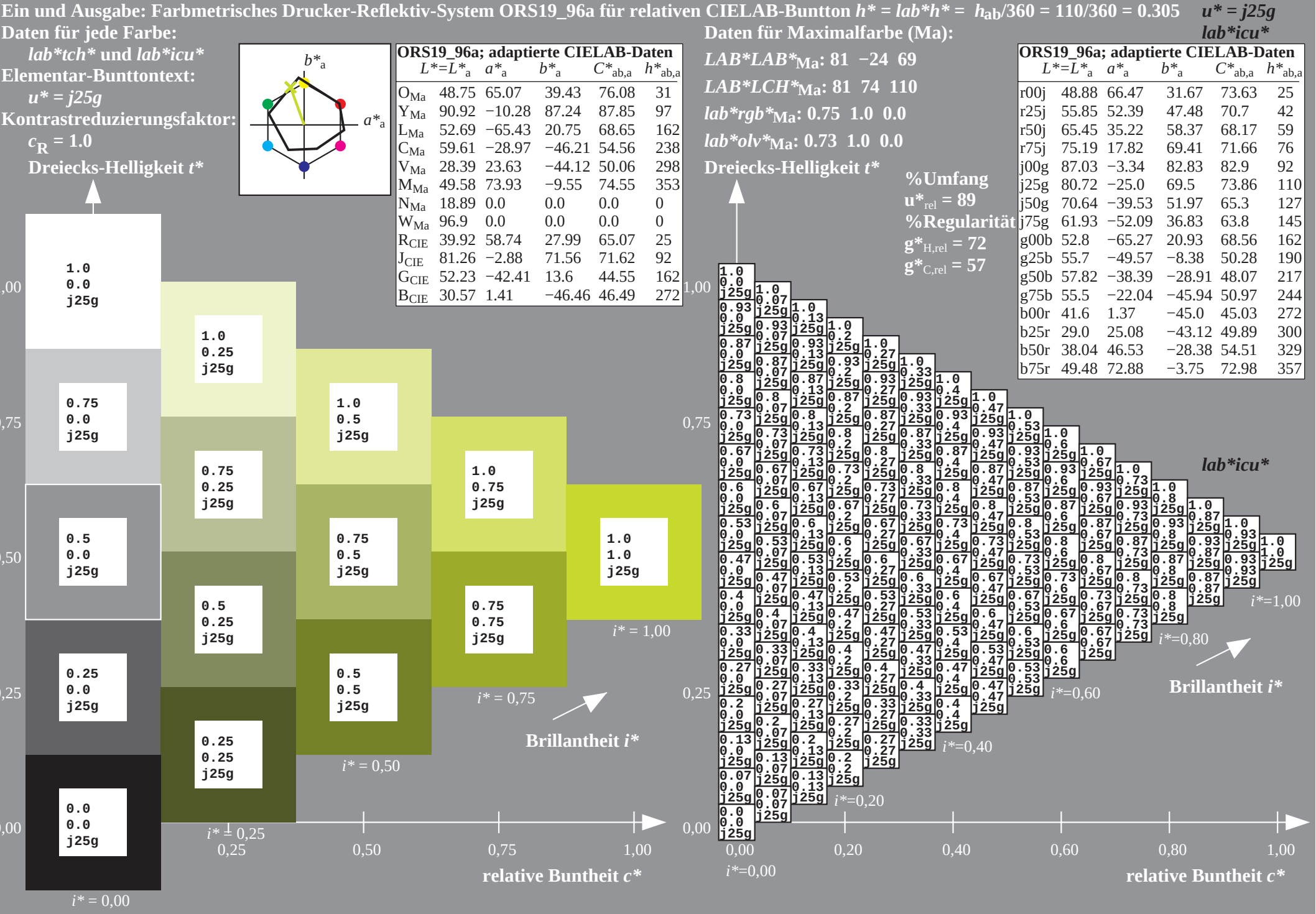
lab*olv*Ma: 1.0 0.91 0.0

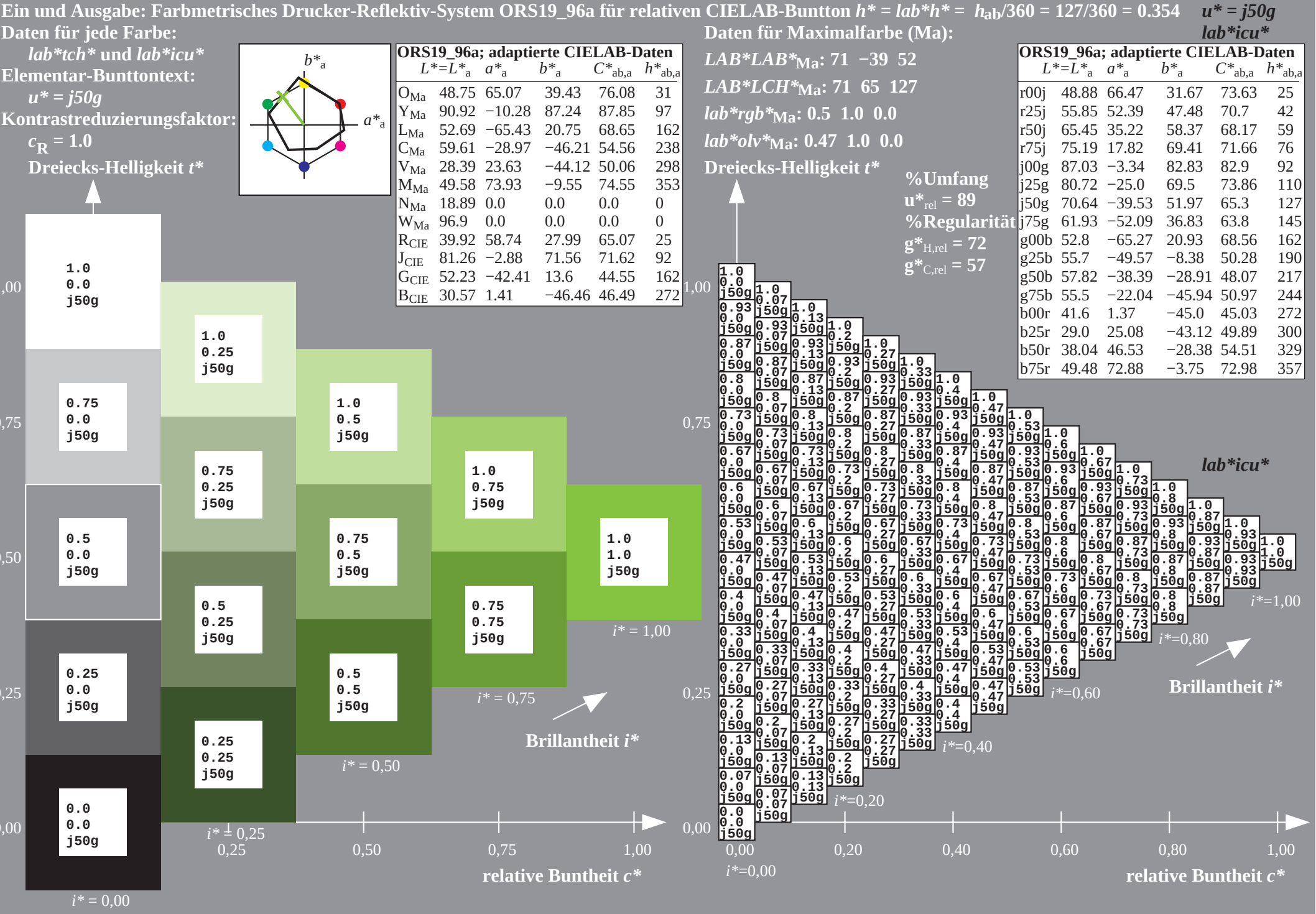
Dreiecks-Helligkeit t^*

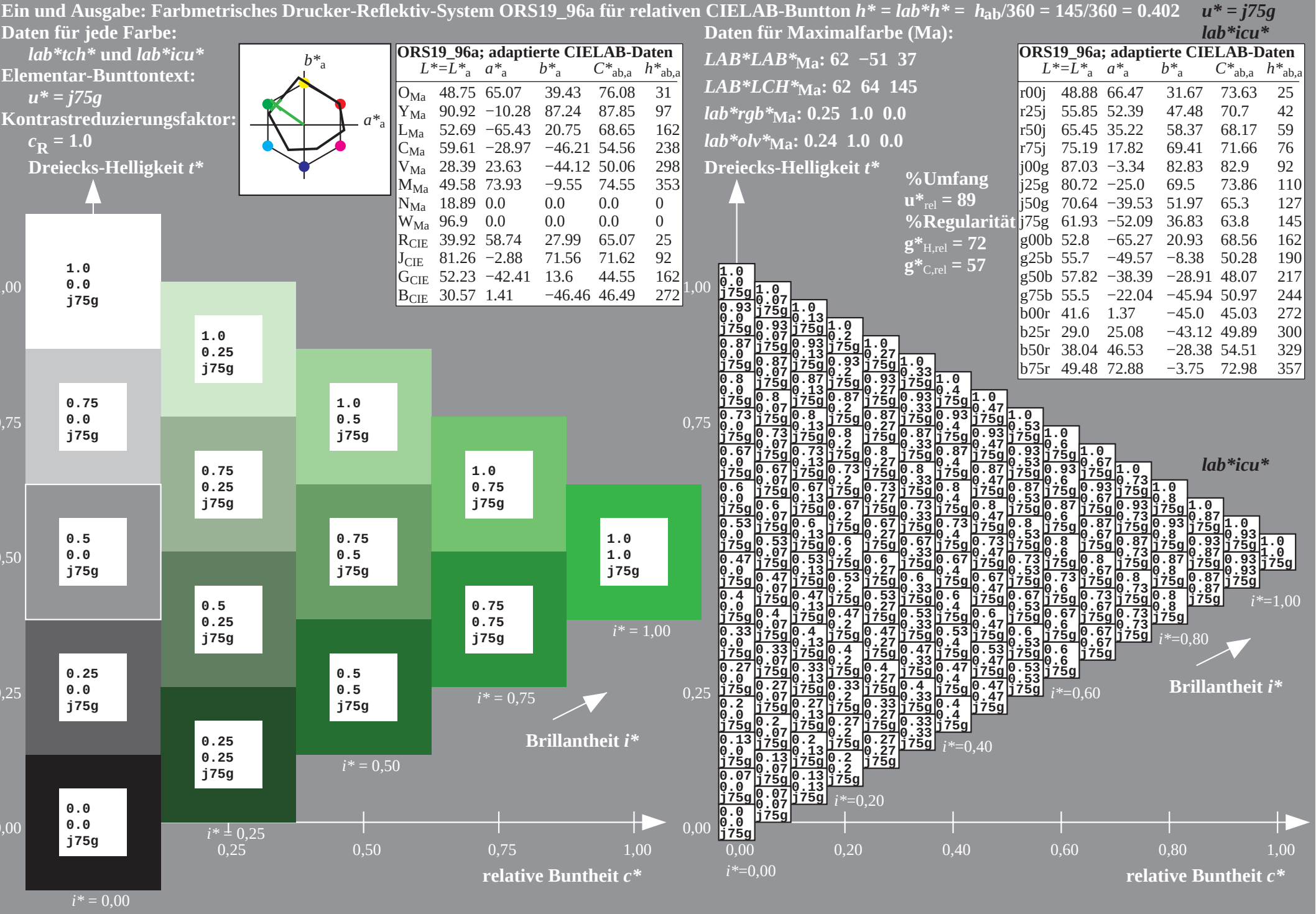


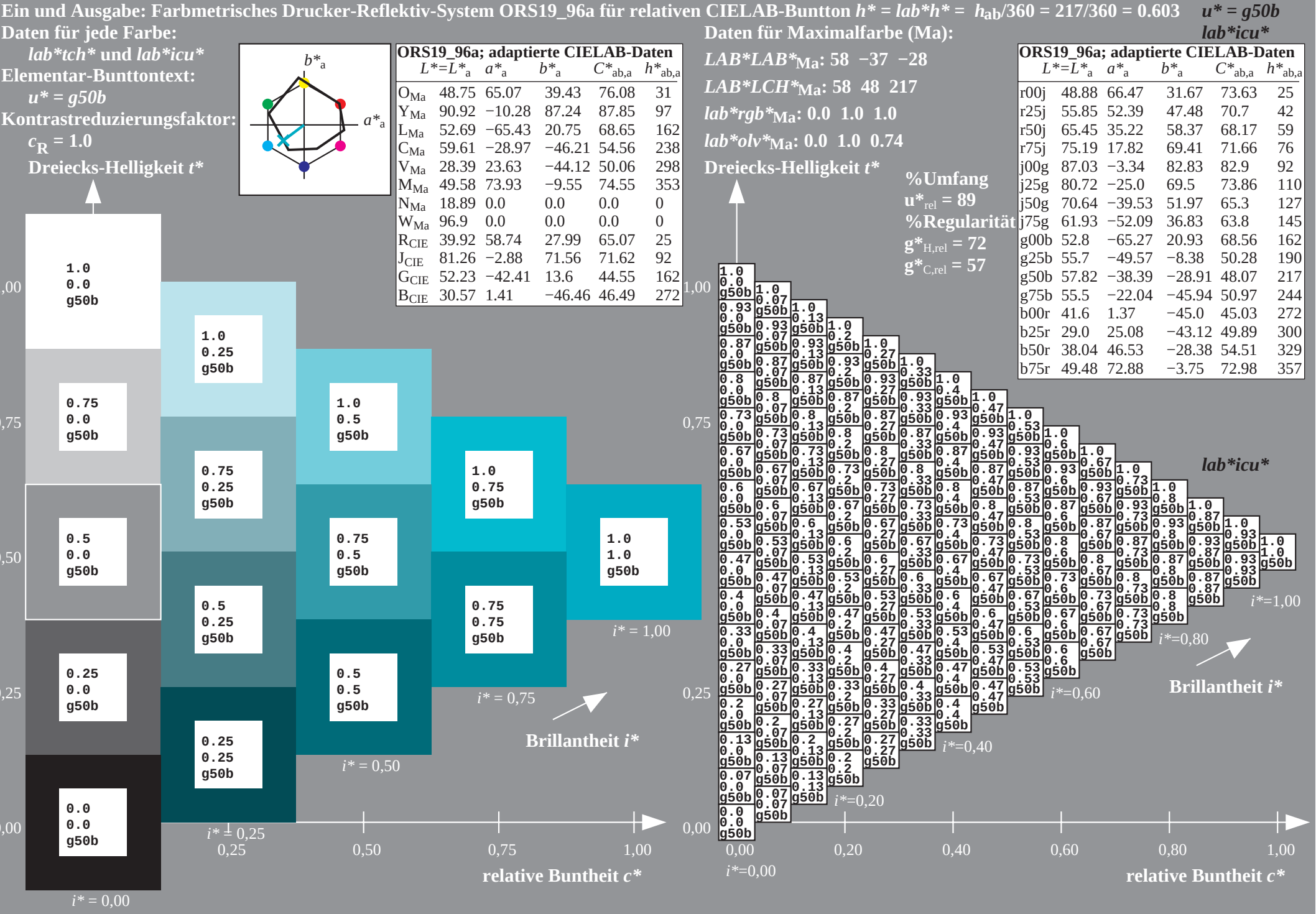
ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272











CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$ $u^* = g75b$

Daten für Maximalfarbe (Ma):

*lab*icu**

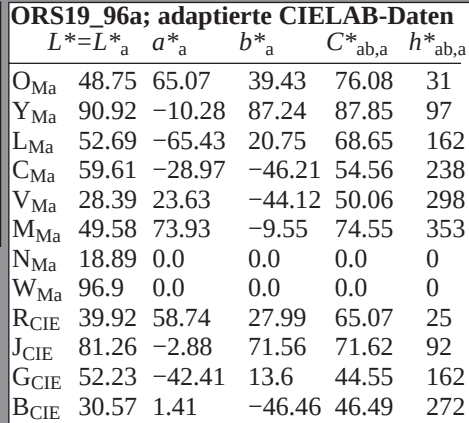
*lab*icu**

LAB*LCH*Ma: 55 51 244

***lab*rgb*_{Ma}: 0.0 0.5 1.0**

lab*olv*_{Ma}: 0.0 0.87 1.0

Dreiecks-Helligkeit t^*



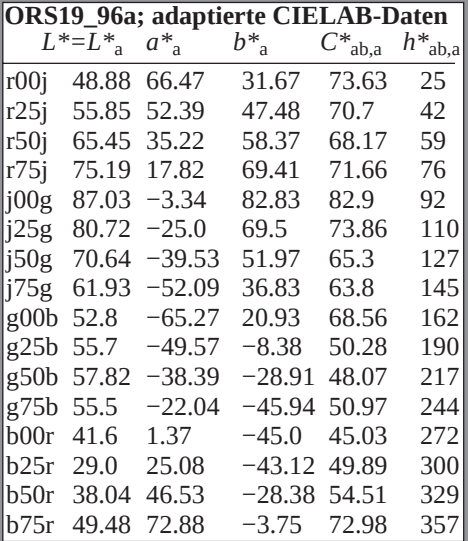
ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


*lab*icu**

$i^*=1,00$

Brillantheit *i**

in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 272/360 = 0.755$ $u^* = b00r$

Daten für Maximalfarbe (Ma):

*lab*icu**

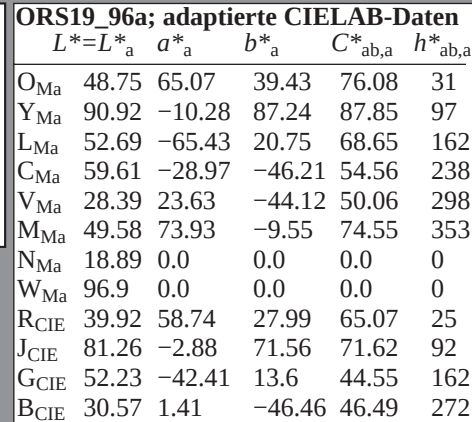
LAB*LAB*_{Ma}: 42 1 -44

LAB*LCH*Ma: 42 45 272

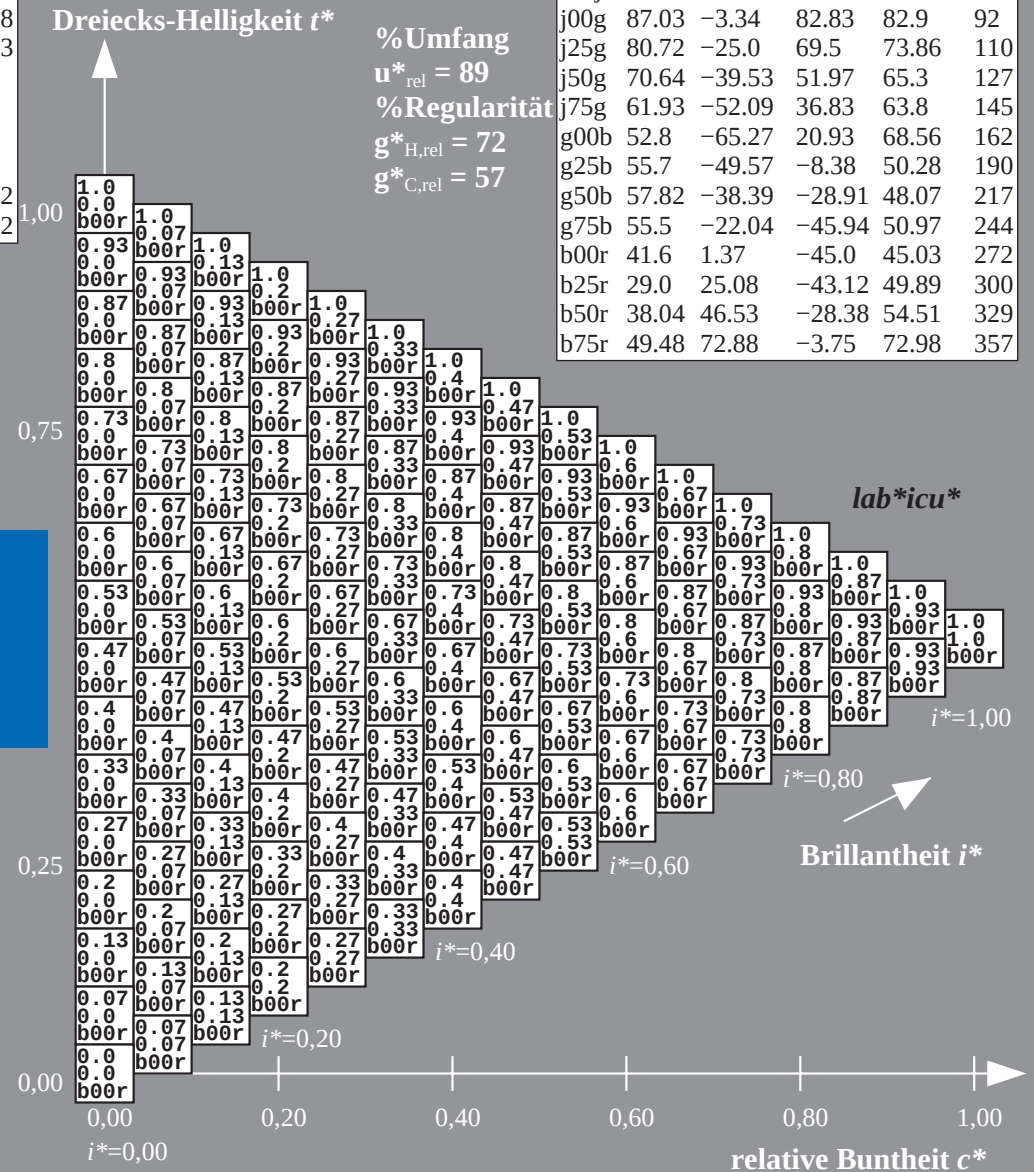
*lab*rgb**_{Ma}: 0.0 0.0 1.0

***lab*olv**_{Ma}: 0.0 0.42 1.0**

Dreiecks-Helligkeit t^*



ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$ $u^* = b25r$

Daten für Maximalfarbe (Ma):

*lab*icu**

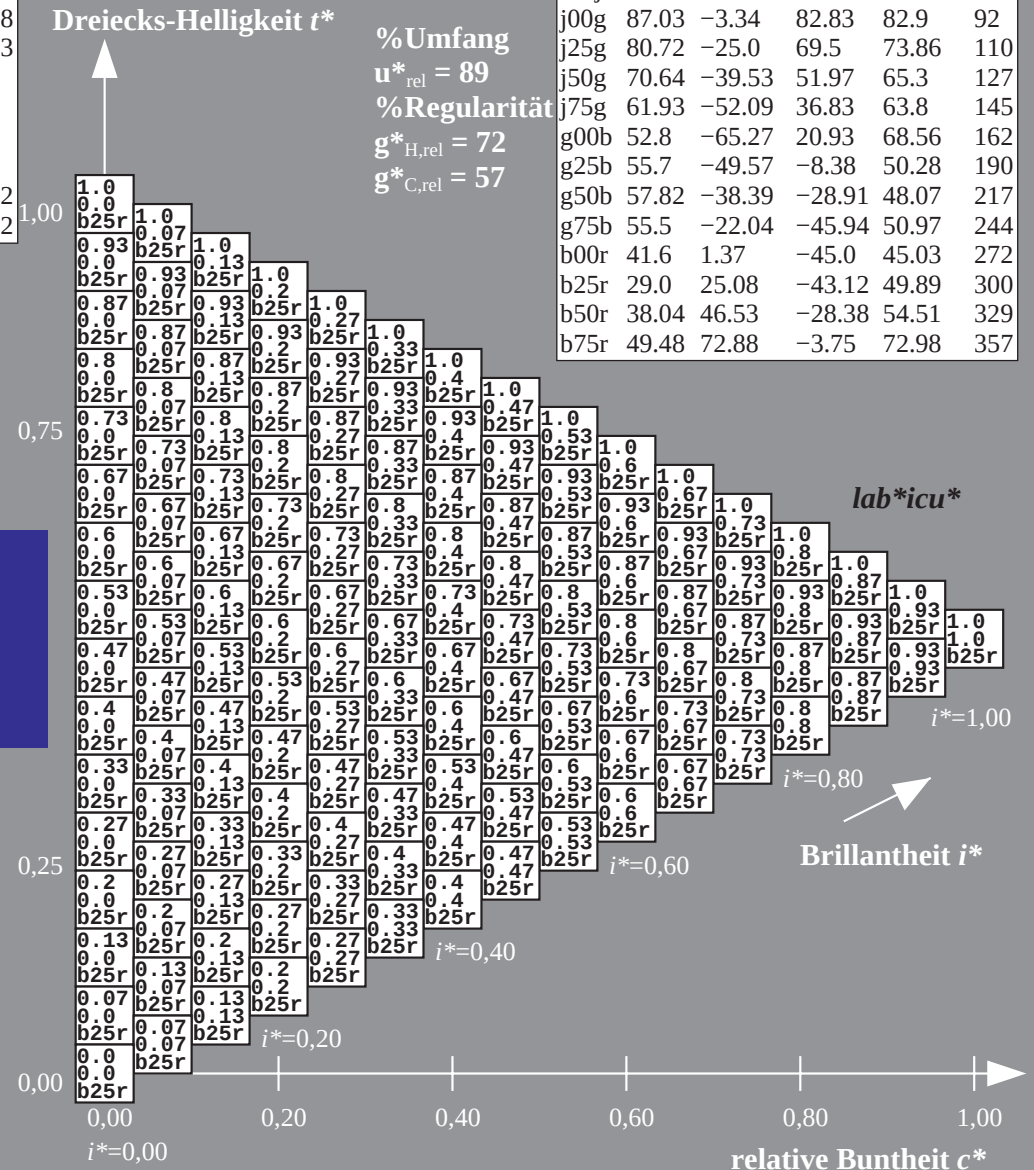
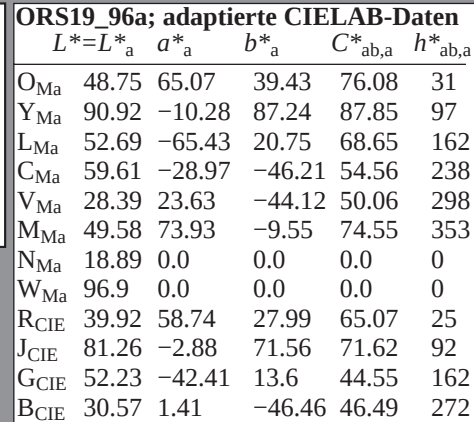
CIE LAB-Date:

LAB*LAB*_{Ma}: 29 25 -42

LAB*LCH*Ma: 29 50 300

***lab*rgb**_{Ma}: 0.5 0.0 1.0**

lab*olv*_Ma: 0.03 0.0 1.0



CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$ $u^* = b50r$

Daten für Maximalfarbe (Ma):

LAB*LAB*_{M2}: 38 47 -27

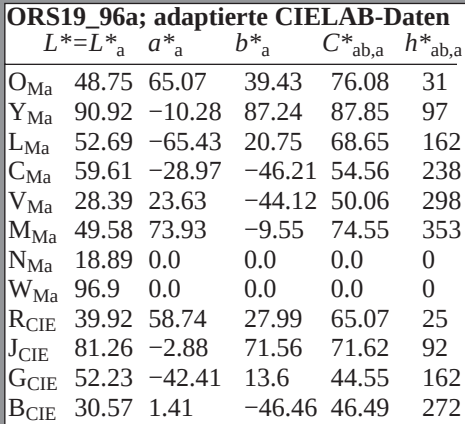
LAB*LCU*- - - 39 55 220

LAB*LCH*Ma: 38 55 329

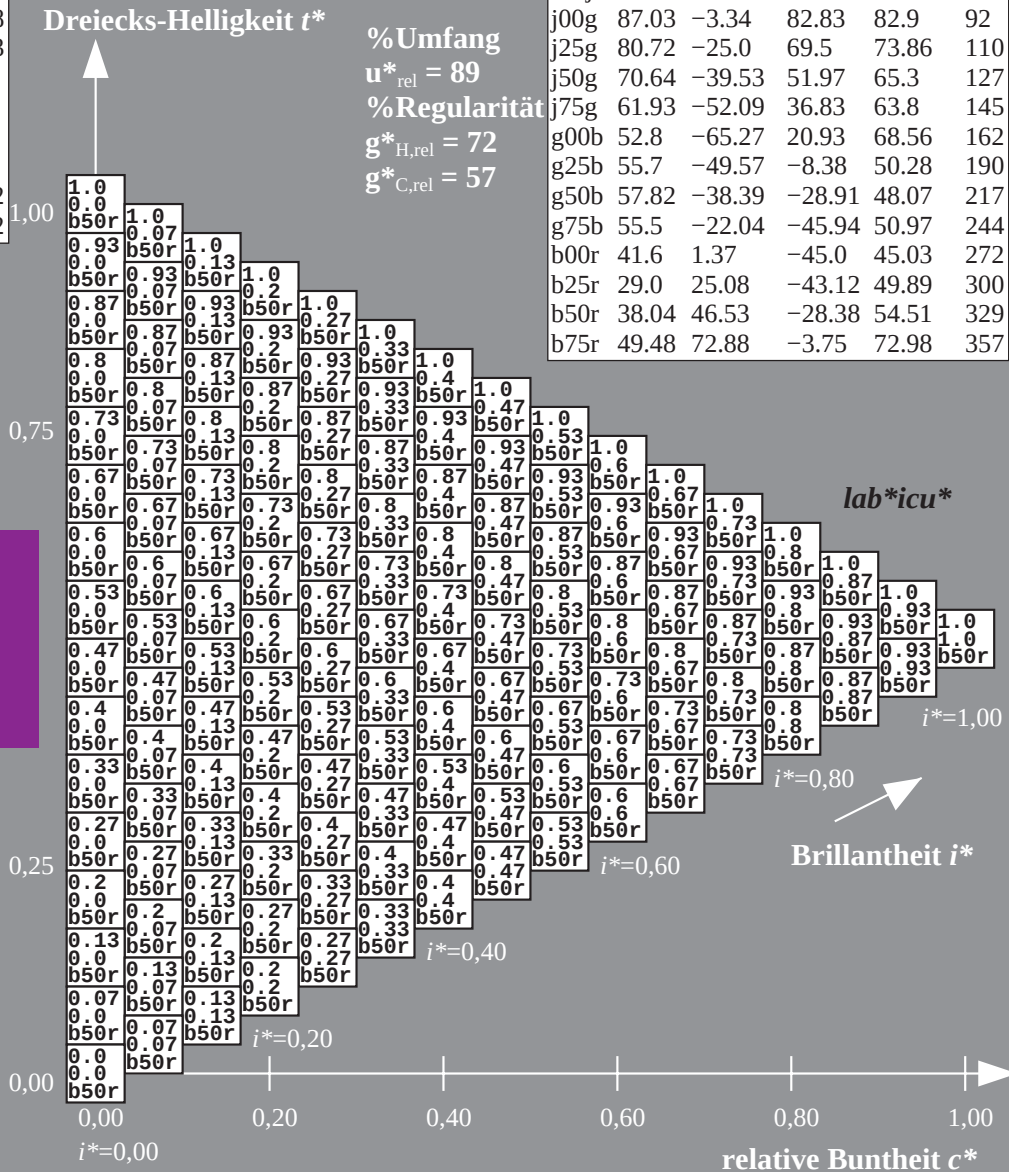
***lab*rgb*_{Ma}: 1.0 0.0 1.0**

lab*olv*_{Ma}: 0.46 0.0 1.0

Dreiecks-Helligkeit t^*



r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 357/360 = 0.992$ $u^* = b75r$

Daten für Maximalfarbe (Ma):

*lab*icu**

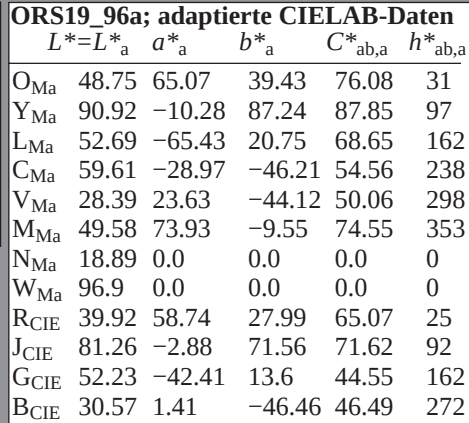
LAB*LAB*_{Ma}: 49 73 -3

LAB*LCH*Ma: 49 73 357

***lab*rgb*_{Ma}: 1.0 0.0 0.5**

lab*olv*_{Ma}: 1.0 0.0 0.88

Dreiecks-Helligkeit t^*



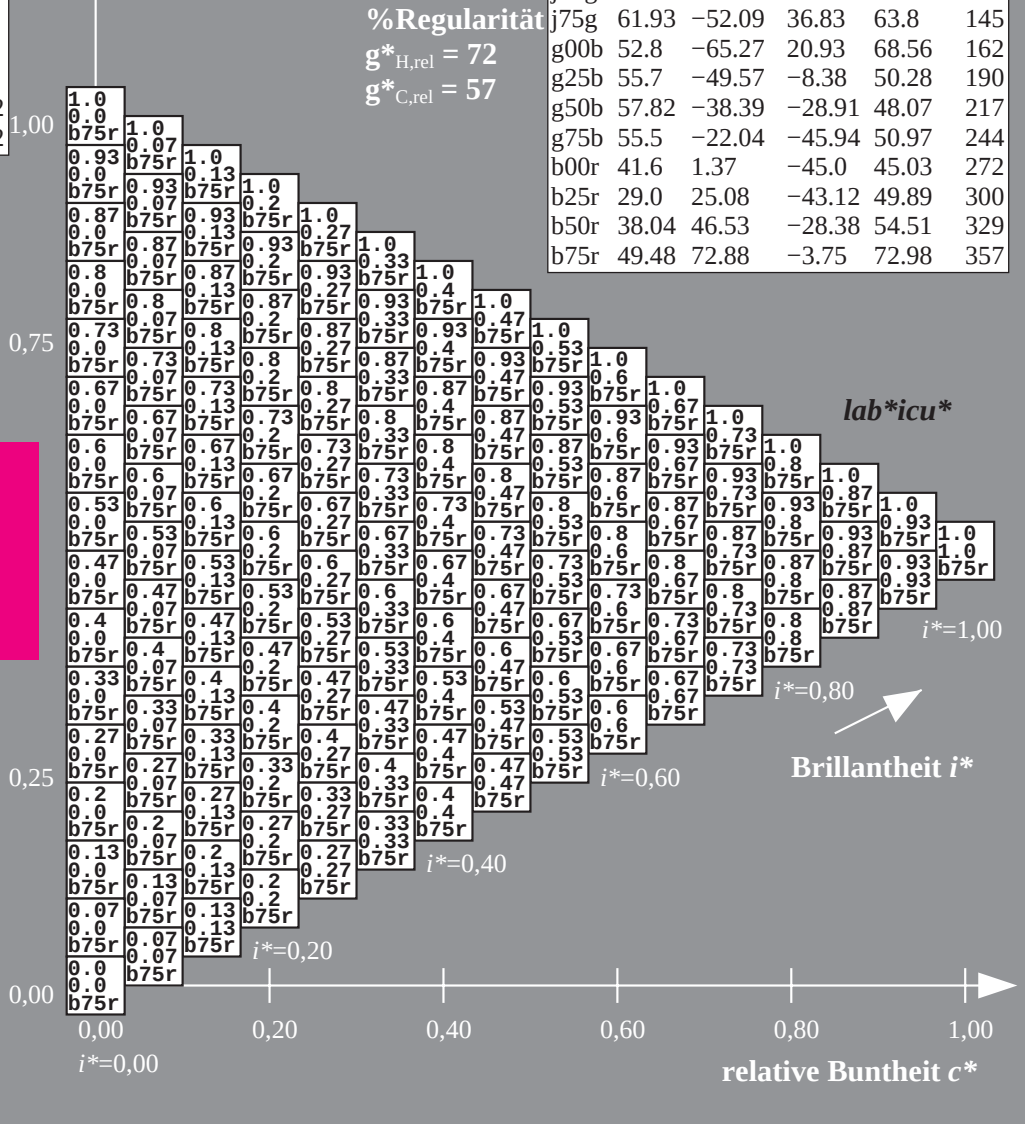
ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	48.75	65.07	39.43	76.08	31
Y _{Ma}	90.92	-10.28	87.24	87.85	97
L _{Ma}	52.69	-65.43	20.75	68.65	162
C _{Ma}	59.61	-28.97	-46.21	54.56	238
V _{Ma}	28.39	23.63	-44.12	50.06	298
M _{Ma}	49.58	73.93	-9.55	74.55	353
N _{Ma}	18.89	0.0	0.0	0.0	0
W _{Ma}	96.9	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

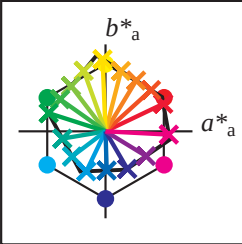
$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


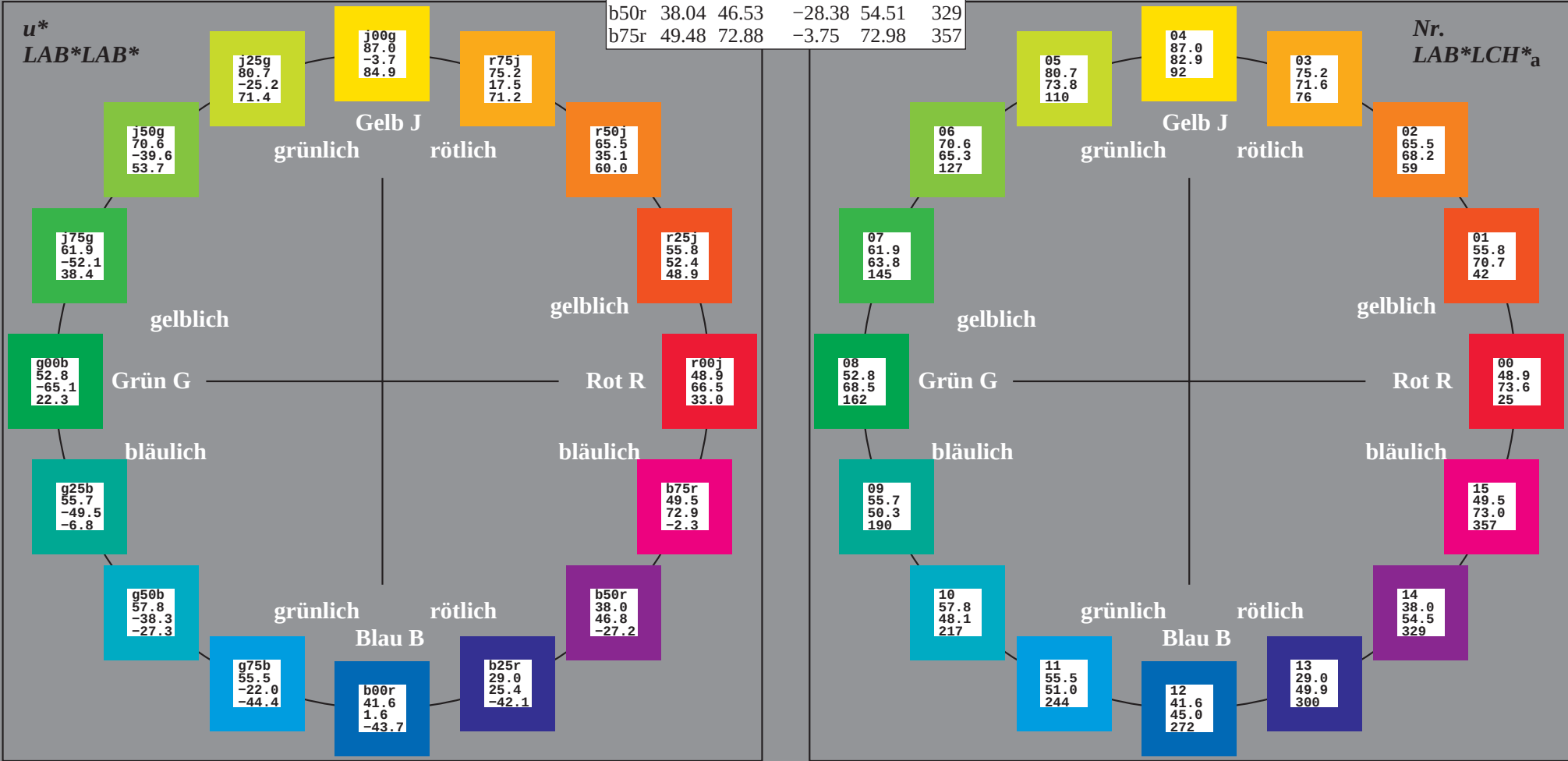
Ein und Ausgabe:
Farbmetrisches Drucker-Reflektiv-System ORS19_96a
Daten für jede Farbe:
lab*tch* und lab*icu*
Elementar-Bunttontext:
u* = 16 Buntttöne r00j, r25j, ..., b75r
Kontrastreduzierungsfaktor:
c_R = 1.0

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



%Umfang
u_{rel}^{*} = 89
%Regularität
g_{H,rel}^{*} = 72
g_{C,rel}^{*} = 57

ORS19_96; CIELAB-Daten					
	$L^* = \bar{L}^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



$$u^* = r25j$$

*LAB*LAB**

CIELAB-Daten

$$\frac{C^*_{ab,a} \quad h^*_{ab,a}}{\quad}$$

67	73.63	25
68	73.5	18

48	70.7	42
27	68.17	59

67	68.17	59
41	71.66	76

33	82.9	92
----	------	----


$$i^*=1,00$$
relative Buntheit c^*
$$i^* = 0,00$$

$$u^* = r50j$$

*LAB*LAB**

CIELAB-Daten

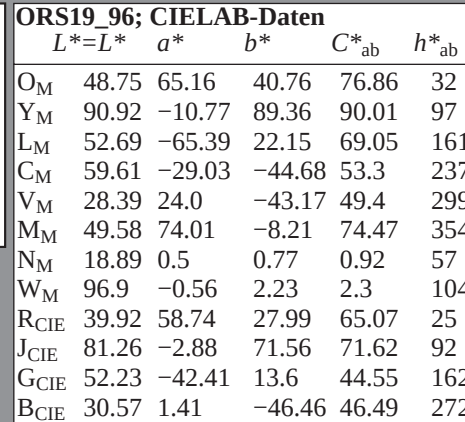
$$\frac{C^*_{ab,a} \quad h^*_{ab,a}}{\quad}$$

67	73.63	25
48	73.5	48

48	70.7	42
37	68.17	59

37	68.17	39
41	71.66	76

33	82.9	92
----	------	----



*LAB*LAB**

CIELAB-Daten
 C^* h^* a^* b^*

	ab,a	ab,a
67	73.63	25

48	70.7	42
----	------	----

37	68.17	59
41	71.66	76

33	82.9	92
----	------	----

5	73.86	110
---	-------	-----

97	65.3	127
----	------	-----

33	63.8	145
----	------	-----

93	68.56	162
98	58.58	168

38	50.28	190
01	48.07	217



Brillantheit i^*

$$u^* = r75j$$

Daten für Maximalfarbe (Ma):

LAB*LAB*

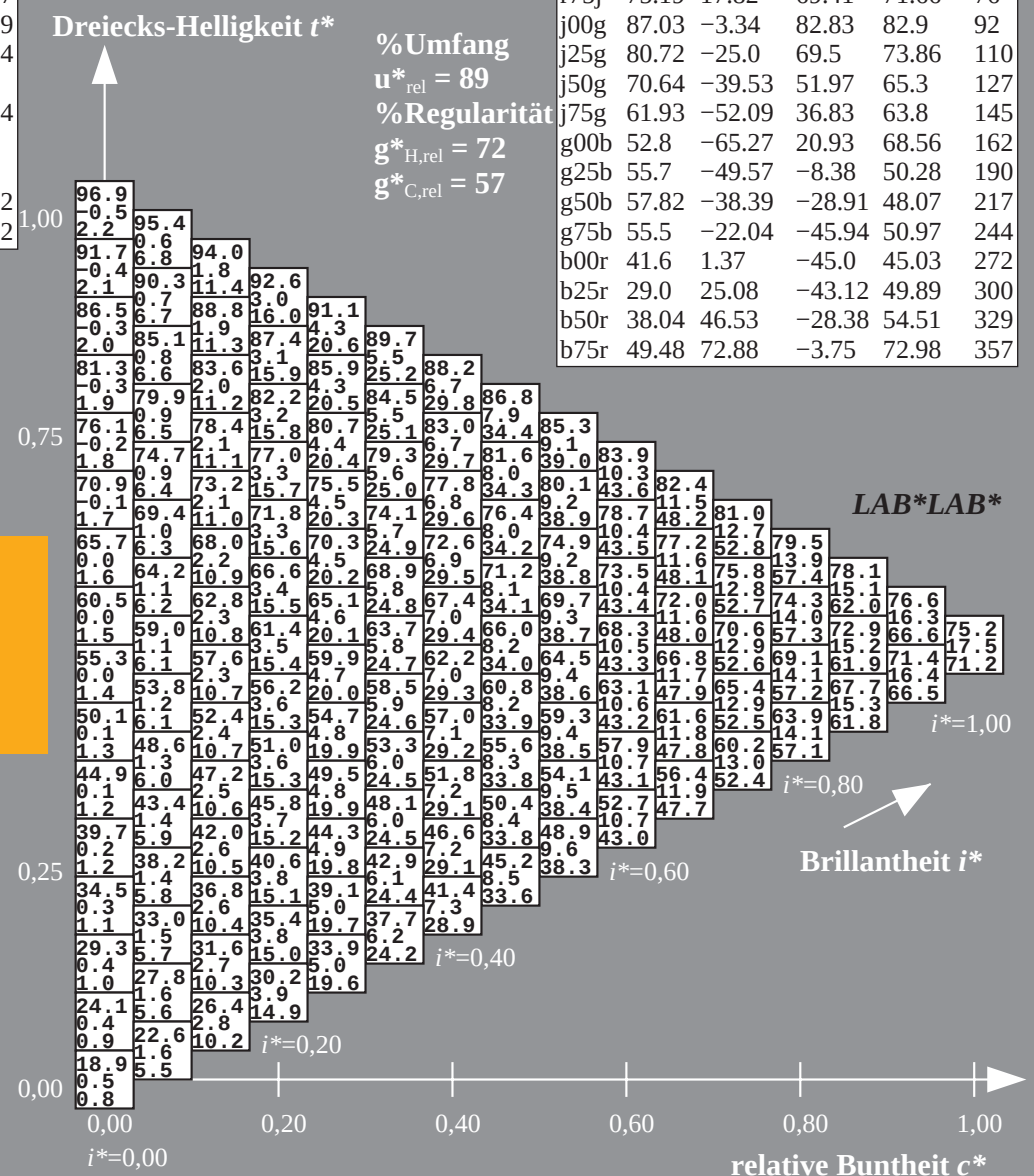
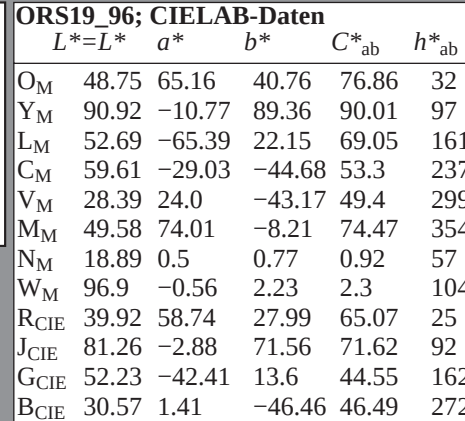
$LAB*LAB*M_2: 75 \ 18 \ 69$

LAB*LCH*Ma: 75 72 76

*lab*rgb*_{Ma}: 1.0 0.75 0.0

lab*olv*_Ma: 1.0 0.63 0.0

Dreiecks-Helligkeit t^*



$$u^* = j00g$$

LAB*LAB*

CIELAB-Daten

67	73.63	25
68	73.5	48

48	70.7	42
27	68.17	59

07	68.17	39
41	71.66	76

3	82.9	92
---	------	----


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

LAB*LAB*

Brillantheit i*

 $i^* = 1,00$ $i^* = 0,80$

```
6 i*=0,60
```

88 $i^*=0$ 40

```
i*=0,20
```

0,00

relative Buntheit c^* relative Buntheit c^*
$$i^* \pm \frac{0,25}{0,25}$$
$$i^* = 0.50$$

Brillantheit i*

$$i^* = 1,00$$
 $i^* = 0,00$

$$u^* = j25g$$

LAB*LAB*

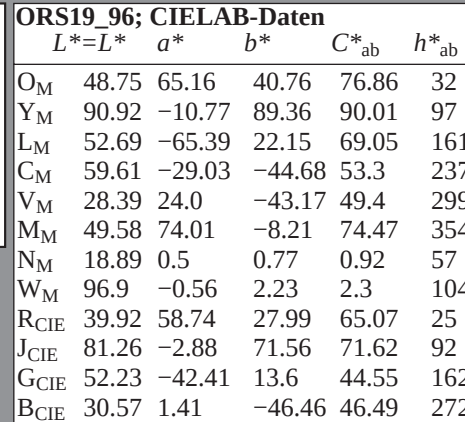
CIELAB-Daten

67	73.63	25
68	73.5	48

48	70.7	42
27	68.17	59

07	68.17	39
41	71.66	76

3	82.9	92
---	------	----



LAB*LAB*

CIE LAB-Daten
C* : h* : L* : a* : b* :

	ab,a	ab,
67	73.63	25

48	70.7	42
----	------	----

67	68.17	59
41	71.66	76

83	82.9	92
----	------	----

6	73.86	110
7	65.3	127

63	63.8	145
----	------	-----

03	68.56	162
09	50.28	190

91	48.07	21
----	-------	----

94	50.97	24
0	45.03	27

12	49.89	300
----	-------	-----

38	54.51	329
75	72.09	357

5	7	2.55	55
---	---	------	----

LAB*LAB*

2 0

$$\begin{array}{r} 21.81 \\ 2.22 \end{array}$$
$$\begin{array}{r} 7.7 \\ -21.9 \\ \hline 76.6 \end{array} \quad \begin{array}{r} 66.8 \\ -80.7 \\ \hline 25.1 \end{array}$$

2.1	-23.5	1.4
2.5	66.7	
21		

62.0 $i^*=1,00$

80 

illantheit i^*

1,00

Buntheit c^*

11/11/2014



n CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ $u^* = j50g$

Daten für Maximalfarbe (Ma):

*LAB*LAB**

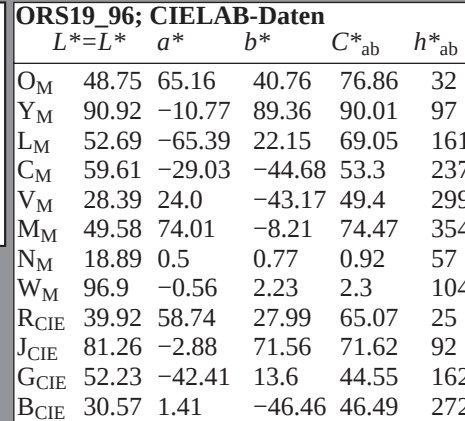
LAB*LAB*_{Ma}: 71 -39 52

LAB*LCH*Ma: 71 65 127

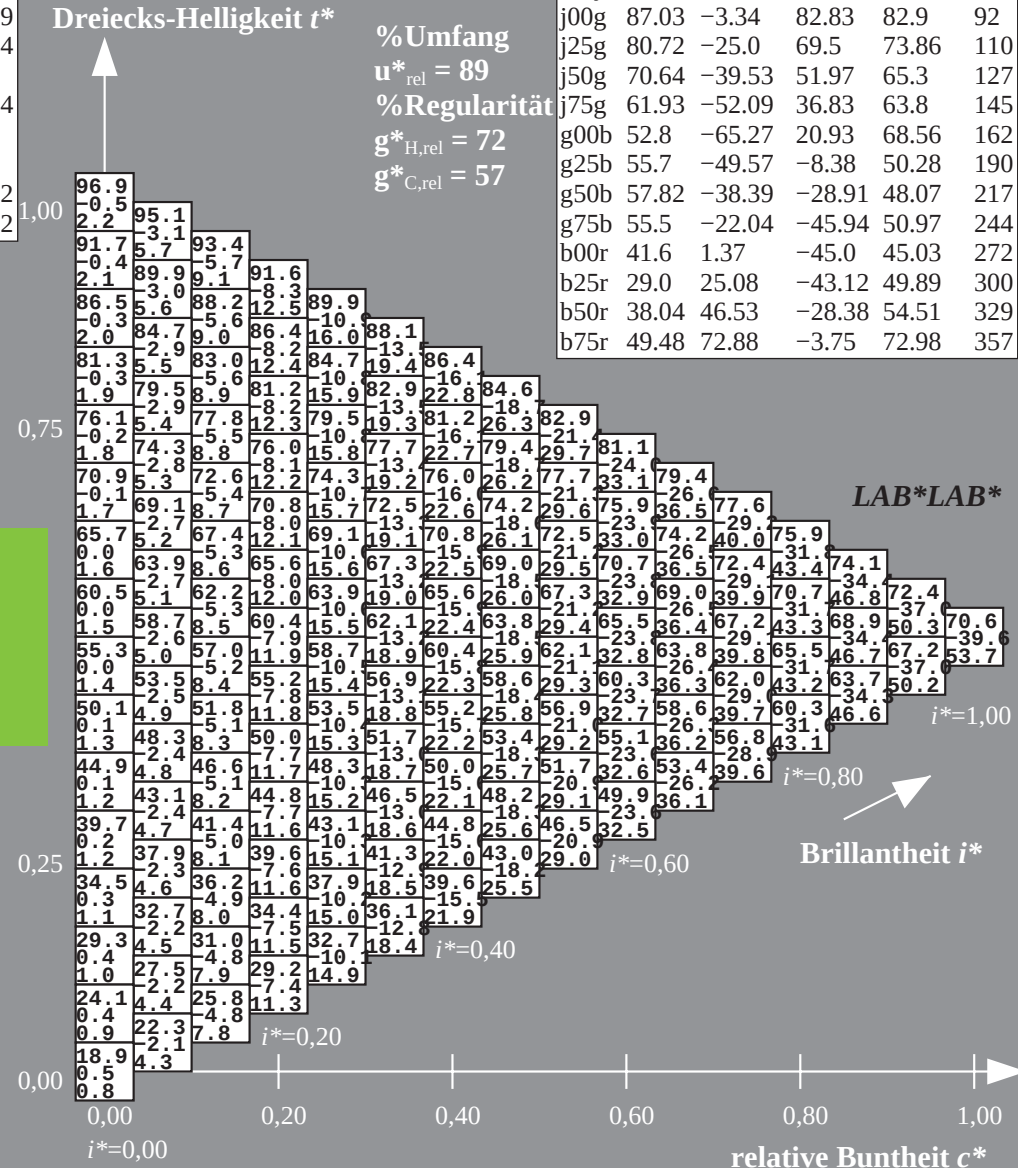
*lab*rgb**_{Ma}: 0.5 1.0 0.0

lab*olv*_Ma: 0.47 1.0 0.0

Dreiecks-Helligkeit t^*



ORS19_96; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



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n CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 145/360 = 0.402$ $u^* = j75g$

Daten für Maximalfarbe (Ma):

*LAB*LAB**

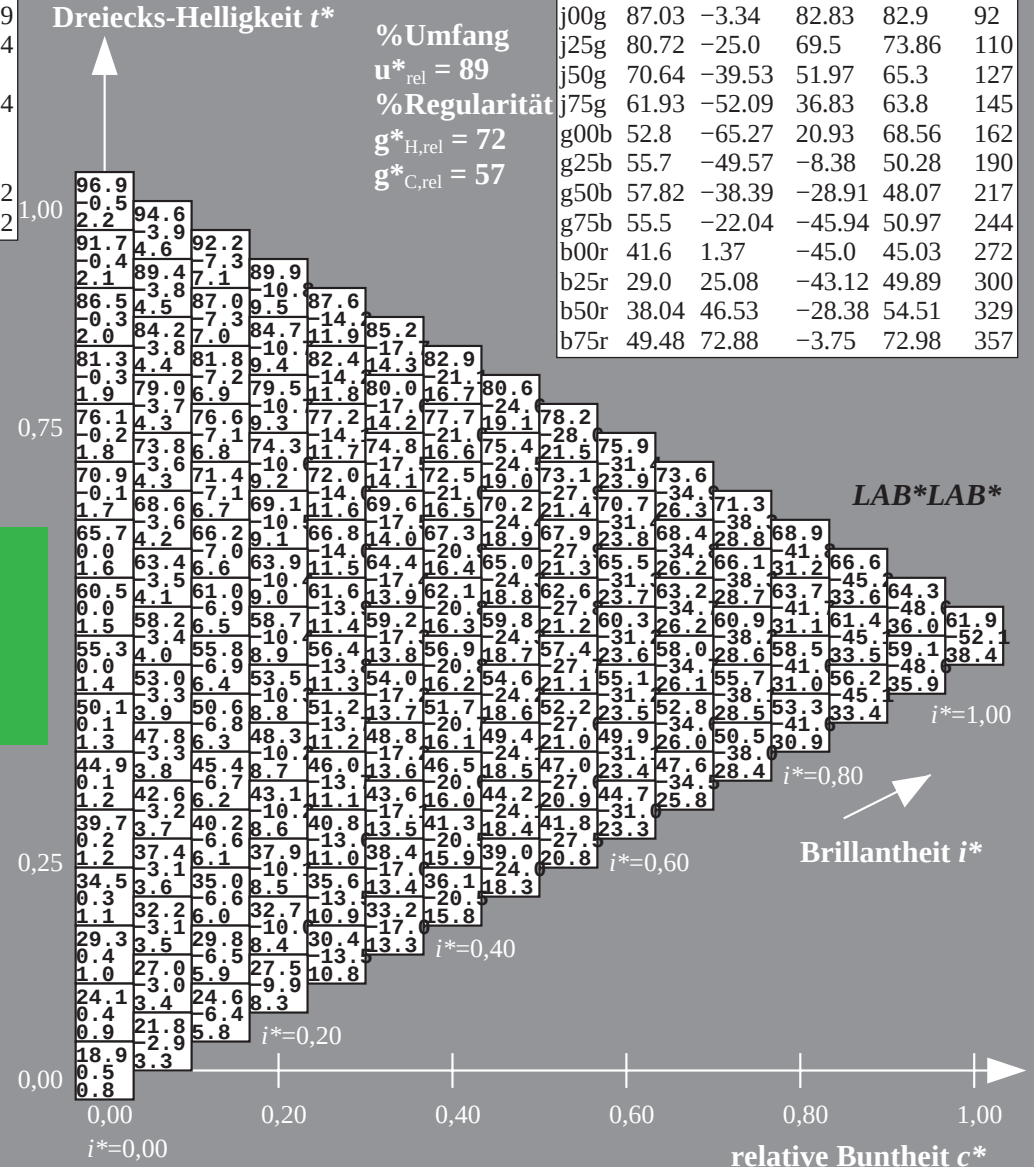
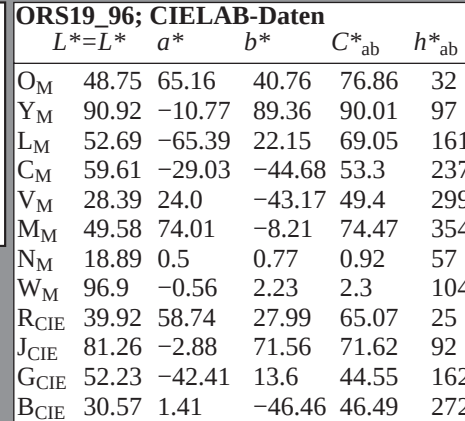
CIELAB-Daten

LAB*LAB*_{Ma}: 62 -51 37

LAB*LCH*_{Ma}: 62 64 145

*lab*rgb*_{Ma}: 0.25 1.0 0.0

lab*olv*_Ma: 0.24 1.0 0.0



$$u^* = g25b$$

LAB*LAB*

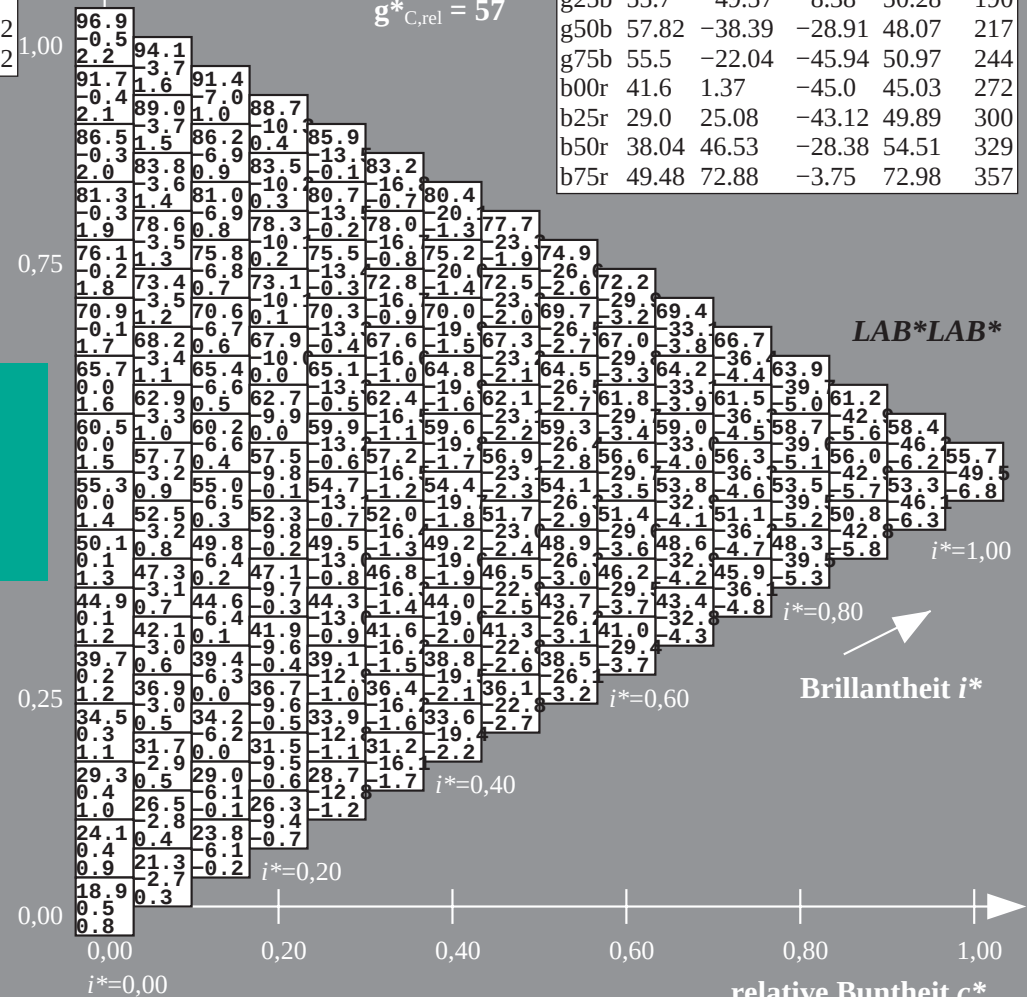
CIELAB-Daten

67	73.63	25
68	72.5	42

48	70.7	42
27	68.17	59

67	68.17	39
41	71.66	76

83	82.9	92
----	------	----



n CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 300/360 = 0.834$ $u^* = b25r$

Daten für Maximalfarbe (Ma):

*LAB*LAB**

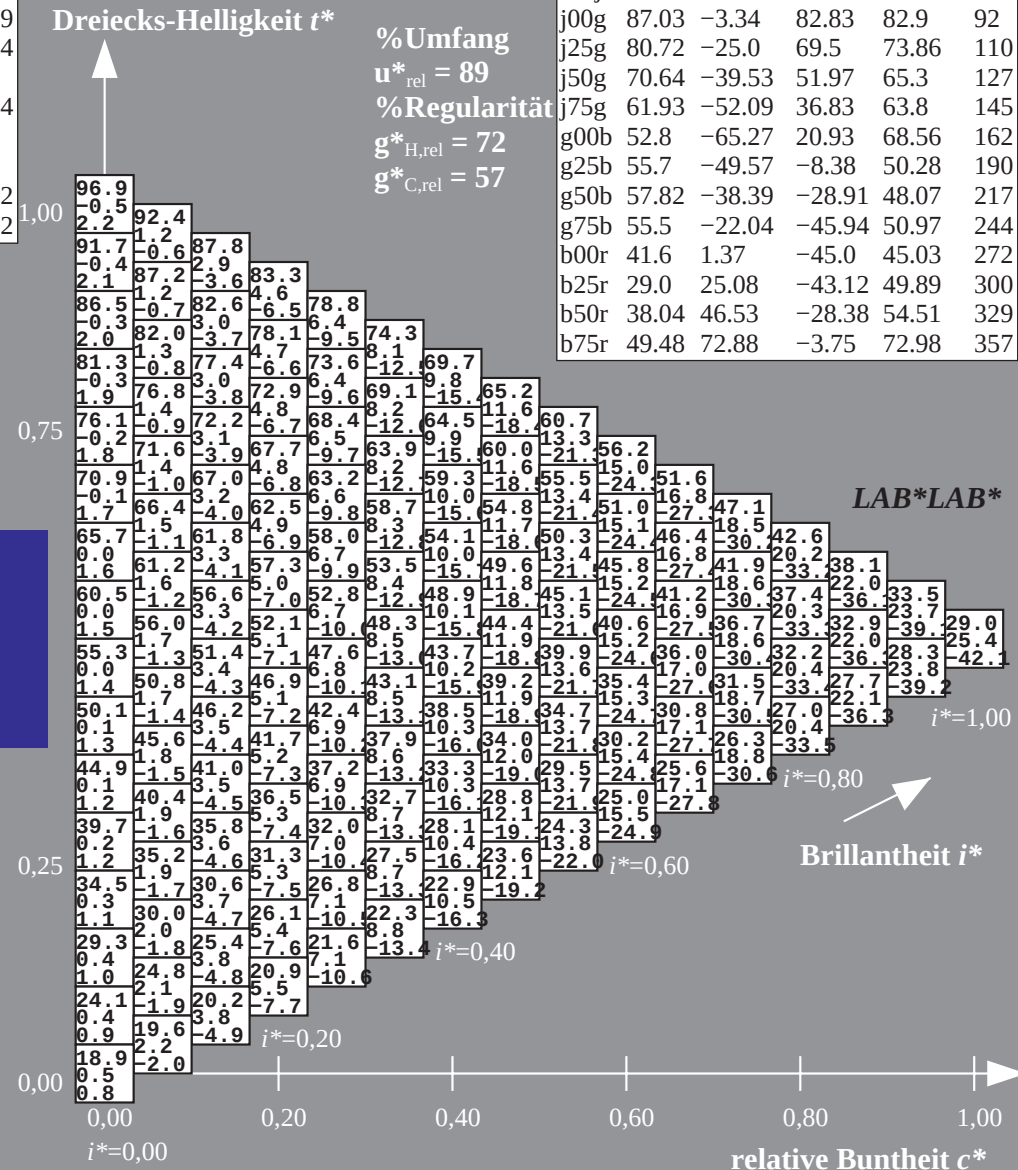
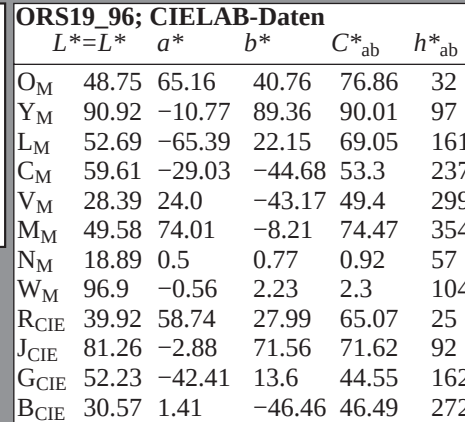
LAB*LAB*_{Ma}: 29 25 -42

LAB*LCH*Ma: 29 50 300

*lab*rgb*_{Ma}: 0.5 0.0 1.0

lab*olv*Ma: 0.03 0.0 1.0

Dreiecks-Helligkeit t^*



CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$ $u^* = b50r$

Daten für Maximalfarbe (Ma):

LAB*LAB* M_2 : 38 47 -27

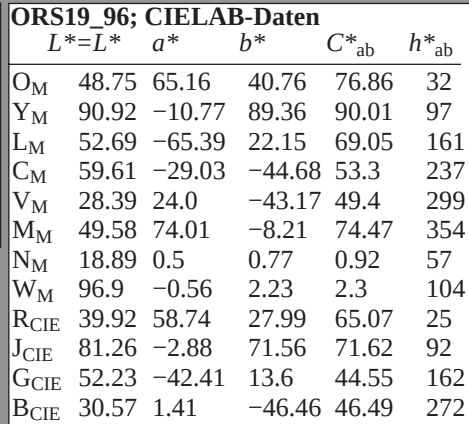
LAB*LGU*- : 29 55 220

LAB*LCH*Ma: 38 55 329

lab*rgb*_Ma: 1.0 0.0 1.0

lab*olv*Ma: 0.46 0.0 1.0

Dreiecks-Helligkeit t^*



Dreiecks-Helligkeit t^*

▲

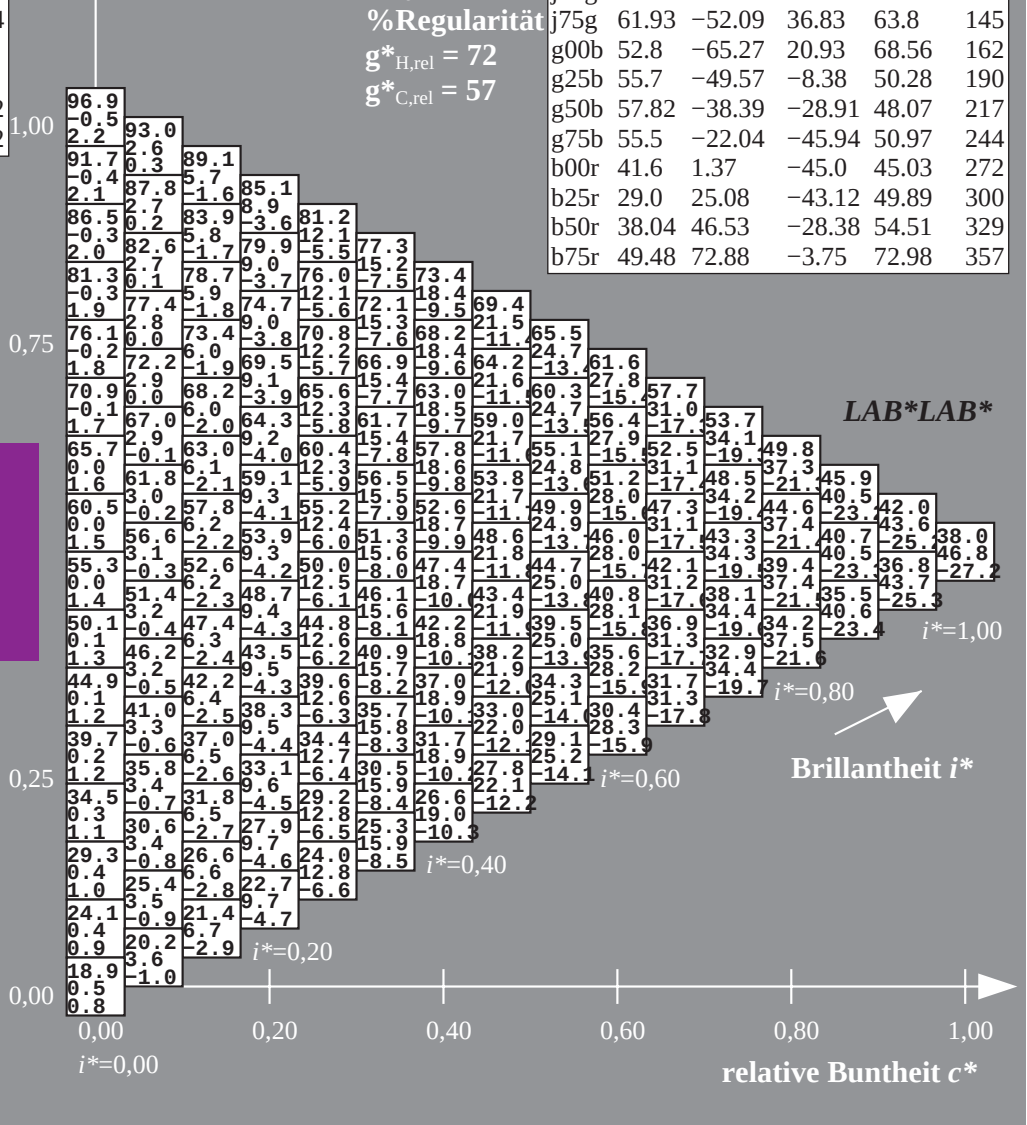
%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

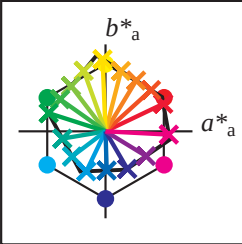
ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = \bar{L}_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c	d	e	f	g	h	i	j	k	LAB*LAB*					
01	18.9	23.1	27.3	31.6	35.8	40.0	44.2	48.5	52.7	56.9	61.1	65.3	69.5	73.7	77.9	82.1	86.3	90.5	94.7	98.9	103.1	107.3	111.5	115.7	119.9	124.1	128.3	132.5	136.7	140.9	145.1	149.3	153.5	157.7	161.9	166.1	170.3	174.5	178.7	182.9			
	0.5	-7.6	-15.9	-24.1	-32.3	-40.6	-48.8	-57.1	-65.3	-73.5	-81.7	-89.9	-98.1	-106.3	-114.5	-122.7	-130.9	-139.1	-147.3	-155.5	-163.7	-171.9	-180.1	-188.3	-196.5	-204.7	-212.9	-221.1	-229.3	-237.5	-245.7	-253.9	-262.1	-270.3	-278.5	-286.7	-294.9	-303.1	-311.3	-319.5	-327.7		
	0.8	3.4	6.1	8.8	11.5	14.1	16.8	19.5	22.1	24.8	27.5	30.2	32.9	35.6	38.3	41.0	43.7	46.4	49.1	51.8	54.5	57.2	59.9	62.6	65.3	68.0	70.7	73.4	76.1	78.8	81.5	84.2	86.9	89.6	92.3	95.0	97.7	100.4	103.1	105.8	108.5		
02	20.1	24.0	28.2	32.4	36.7	40.9	45.1	49.3	53.6	57.8	62.0	66.2	70.4	74.6	78.8	83.0	87.2	91.4	95.6	99.8	104.0	108.2	112.4	116.6	120.8	125.0	129.2	133.4	137.6	141.8	146.0	150.2	154.4	158.6	162.8	167.0	171.2	175.4	179.6	183.8	188.0		
	3.4	-3.1	-11.3	-19.6	-27.8	-36.0	-44.3	-52.5	-60.7	-68.9	-77.1	-85.3	-93.5	-101.7	-109.9	-118.1	-126.3	-134.5	-142.7	-150.9	-159.1	-167.3	-175.5	-183.7	-191.9	-200.1	-208.3	-216.5	-224.7	-232.9	-241.1	-249.3	-257.5	-265.7	-273.9	-282.1	-290.3	-298.5	-306.7	-314.9	-323.1		
	-4.6	-4.8	-2.1	0.4	2.7	5.0	7.3	9.6	11.9	14.2	16.5	18.8	21.1	23.4	25.7	28.0	30.3	32.6	34.9	37.2	39.5	41.8	44.1	46.4	48.7	51.0	53.3	55.6	57.9	60.2	62.5	64.8	67.1	69.4	71.7	74.0	76.3	78.6	80.9	83.2	85.5	87.8	
03	21.3	25.2	29.1	33.3	37.5	41.7	46.0	50.2	54.4	58.6	62.8	67.0	71.2	75.4	79.6	83.8	88.0	92.2	96.4	100.6	104.8	109.0	113.2	117.4	121.6	125.8	130.0	134.2	138.4	142.6	146.8	151.0	155.2	159.4	163.6	167.8	172.0	176.2	180.4	184.6	188.8		
	6.4	-0.2	-6.8	-15.0	-23.3	-31.5	-39.7	-48.0	-56.2	-64.4	-72.6	-80.8	-89.0	-97.2	-105.4	-113.6	-121.8	-130.0	-138.2	-146.4	-154.6	-162.8	-171.0	-179.2	-187.4	-195.6	-203.8	-212.0	-220.2	-228.4	-236.6	-244.8	-253.0	-261.2	-269.4	-277.6	-285.8	-294.0	-302.2	-310.4	-318.6	-326.8	
	-10.1	-10.3	-10.5	-7.8	-5.1	-2.5	0.1	2.8	5.4	-5.7	-4.4	-4.6	-2.0	0.6	3.3	6.0	8.6	11.3	-1.4	-0.1	-1.1	3.8	6.5	9.2	11.8	14.5	17.2	-9.4	-3.7	1.9	6.7	11.5	16.3	21.1	25.9	30.8	35.6	40.4	45.2	50.0	54.8		
04	22.5	26.4	30.3	34.2	38.4	42.6	46.8	51.1	55.3	59.5	63.7	67.9	72.1	76.3	80.5	84.7	88.9	93.1	97.3	101.5	105.7	109.9	114.1	118.3	122.5	126.7	130.9	135.1	139.3	143.5	147.7	151.9	156.1	160.3	164.5	168.7	172.9	177.1	181.3	185.5	189.7		
	9.3	2.7	-3.8	-10.5	-18.7	-26.9	-35.2	-43.4	-51.7	-59.9	-68.1	-76.3	-84.5	-92.7	-100.9	-109.1	-117.3	-125.5	-133.7	-141.9	-150.1	-158.3	-166.5	-174.7	-182.9	-191.1	-199.3	-207.5	-215.7	-223.9	-232.1	-240.3	-248.5	-256.7	-264.9	-273.1	-281.3	-289.5	-297.7	-305.9	-314.1	-322.3	
	-15.6	-15.8	-16.0	-16.2	-13.5	-10.8	-8.2	-5.5	-2.8	-11.2	-9.9	-10.1	-10.3	-7.6	-5.0	-2.3	0.3	2.9	-6.9	-5.6	-4.3	-4.4	-1.8	0.8	3.5	6.1	8.8	-11.3	-9.6	-3.9	1.7	6.5	11.3	16.1	20.9	25.8	30.6	35.4	40.2	45.0	49.8		
05	23.6	27.5	31.4	35.4	39.3	43.5	47.7	51.9	56.2	60.4	64.6	68.8	73.0	77.2	81.4	85.6	89.8	94.0	98.2	102.4	106.6	110.8	115.0	119.2	123.4	127.6	131.8	136.0	140.2	144.4	148.6	152.8	157.0	161.2	165.4	169.6	173.8	178.0	182.2	186.4	190.6		
	12.2	5.6	-0.9	-7.5	-14.2	-22.4	-30.6	-38.9	-47.1	-55.3	-63.5	-71.7	-79.9	-88.1	-96.3	-104.5	-112.7	-120.9	-129.1	-137.3	-145.5	-153.7	-161.9	-170.1	-178.3	-186.5	-194.7	-202.9	-211.1	-219.3	-227.5	-235.7	-243.9	-252.1	-260.3	-268.5	-276.7	-284.9	-293.1	-301.3	-309.5	-317.7	
	-21.1	-21.3	-21.5	-21.7	-21.9	-19.2	-16.5	-13.8	-11.2	-16.7	-15.4	-15.6	-15.8	-16.0	-13.3	-10.7	-8.0	-5.3	-12.4	-11.1	-9.8	-9.9	-10.1	-7.5	-4.8	-2.1	0.5	-21.1	-15.4	-9.8	-4.1	1.5	6.3	11.1	15.9	20.8	25.6	30.4	35.2	40.0	44.8		
06	24.8	28.7	32.6	36.6	40.4	44.3	48.6	52.8	57.0	61.2	65.4	69.6	73.8	78.0	82.2	86.4	90.6	94.8	99.0	103.2	107.4	111.6	115.8	120.0	124.2	128.4	132.6	136.8	141.0	145.2	149.4	153.6	157.8	162.0	166.2	170.4	174.6	178.8	183.0	187.2	191.4		
	15.2	8.6	1.9	-4.6	-11.2	-17.9	-26.1	-34.3	-42.6	-50.8	-59.0	-67.2	-75.4	-83.6	-91.8	-100.0	-108.2	-116.4	-124.6	-132.8	-141.0	-149.2	-157.4	-165.6	-173.8	-182.0	-190.2	-198.4	-206.6	-214.8	-223.0	-231.2	-239.4	-247.6	-255.8	-264.0	-272.2	-280.4	-288.6	-296.8	-305.0	-313.2	
	-26.6	-26.8	-27.0	-27.2	-27.3	-27.5	-24.9	-22.2	-19.5	-22.2	-20.9	-21.1	-21.3	-21.5	-21.7	-19.0	-16.3	-13.7	-17.9	-16.6	-15.2	-15.4	-15.6	-15.8	-13.1	-10.5	-7.8	-27.0	-21.3	-15.6	-9.9	-4.3	1.3	6.1	11.0	15.8	20.6	25.4	30.2	35.0	39.8		
07	26.0	29.9	33.8	37.7	41.6	45.5	49.4	53.3	57.2	61.1	65.0	68.9	72.8	76.7	80.6	84.5	88.4	92.3	96.2	100.1	104.0	107.9	111.8	115.7	119.6	123.5	127.4	131.3	135.2	139.1	143.0	146.9	150.8	154.7	158.6	162.5	166.4	170.3	174.2	178.1	182.0	185.9	
	18.1	11.5	4.9	-1.7	-8.3	-14.9	-21.6	-29.8	-38.0	-46.2	-54.4	-62.6	-70.8	-79.0	-87.2	-95.4	-103.6	-111.8	-120.0	-128.2	-136.4	-144.6	-152.8	-161.0	-169.2	-177.4	-185.6	-193.8	-202.0	-210.2	-218.4	-226.6	-234.8	-243.0	-251.2	-259.4	-267.6	-275.8	-284.0	-292.2	-300.4	-308.6	-316.8
	-32.1	-32.3	-32.5	-32.7	-32.8	-33.0	-33.2	-30.5	-27.9	-27.7	-26.4	-26.6	-26.8	-27.0	-27.2	-27.4	-24.7	-22.0	-23.4	-22.0	-20.7	-20.9	-21.1	-21.3	-21.5	-18.8	-16.2	-32.1	-26.4	-20.7	-15.0	-10.4	-5.8	-1.2	3.4	8.2	13.0	17.8	22.6	27.4	32.2	37.0	
08	27.2	31.1	35.0	38.9	42.8	46.7	50.6	54.5	58.4	62.3	66.2	70.1	74.0	77.9	81.8	85.7	89.6	93.5	97.4	101.3	105.2	109.1	113.0	116.9	120.8	124.7	128.6	132.5	136.4	140.3	144.2	148.1	152.0	155.9	159.8	163.7	167.6	171.5	175.4	179.3	183.2	187.1	
	21.1	14.4	7.8	1.2	-5.4	-12.0	-18.6	-25.2	-31.8	-38.4	-44.9	-51.5	-58.1	-64.7	-71.3	-77.9	-84.5	-91.1	-97.7	-104.3	-110.9	-117.5	-124.1	-130.7	-137.3	-143.9	-150.5	-157.1	-163.7	-170.3	-176.9	-183.5	-190.1	-196.7	-203.3	-209.9	-216.5	-223.1	-229.7	-236.3	-242.9	-249.5	
	-37.6	-37.8	-38.0	-38.1	-38.3	-38.5	-38.7	-38.9	-39.2	-33.2	-31.9	-32.1	-32.3	-32.5	-32.7	-32.9	-33.0	-33.7	-30.4	-28.8	-27.5	-26.2	-26.4	-26.6	-26.8	-27.0	-27.2	-24.5	-21.7	-18.9	-16.1	-13											

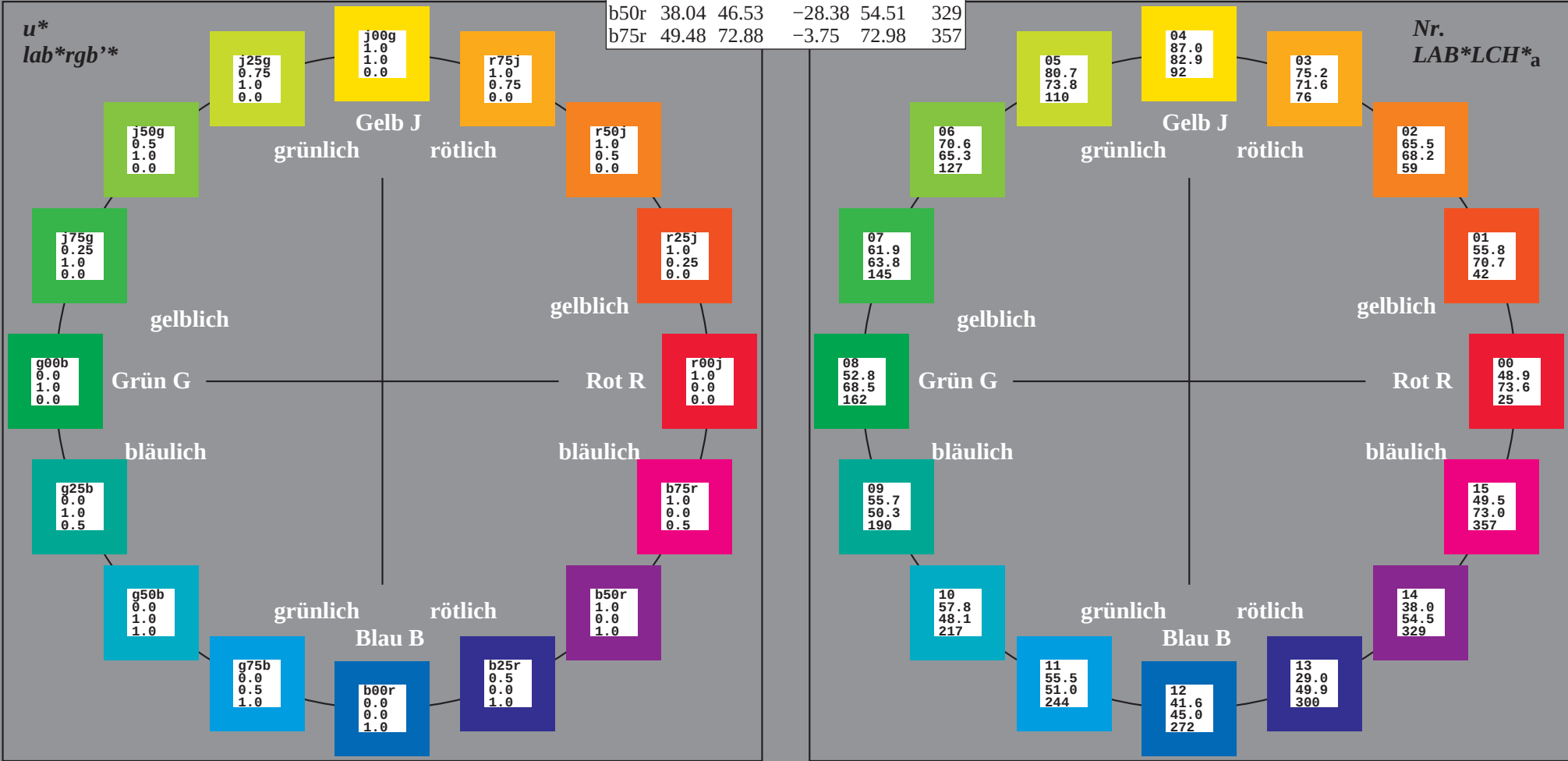
Ein und Ausgabe:
Farbmetrisches Drucker-Reflektiv-System ORS19_96a
Daten für jede Farbe:
lab*tch* und lab*icu*
Elementar-Bunttontext:
u* = 16 Buntttöne r00j, r25j, ..., b75r
Kontrastreduzierungsfaktor:
c_R = 1.0

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



%Umfang
u*_{rel} = 89
%Regularität
g*_{H,rel} = 72
g*_{C,rel} = 57

ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 25/360 = 0.071$

Daten für Maximalfarbe (Ma):

$$u^* = r00j$$

$$lab^*rgb^*$$

LAB*LAB*_{Ma}: 49 66 32

LAB*LCH*_{Ma}: 49 74 25

lab*rgb*_{Ma}: 1.0 0.0 0.0

lab*olv*Ma: 1.0 0.0 0.16

Dreiecks-Helligkeit t^*

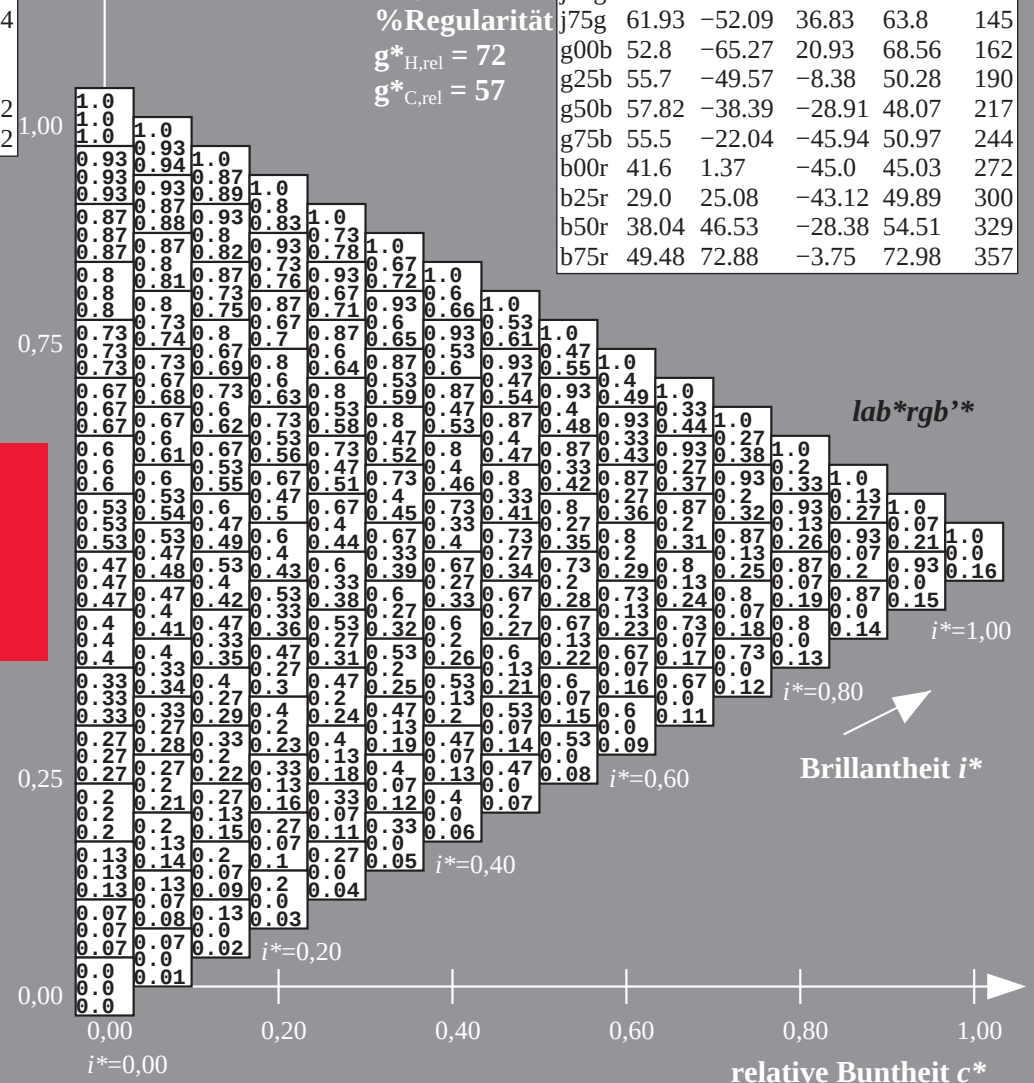
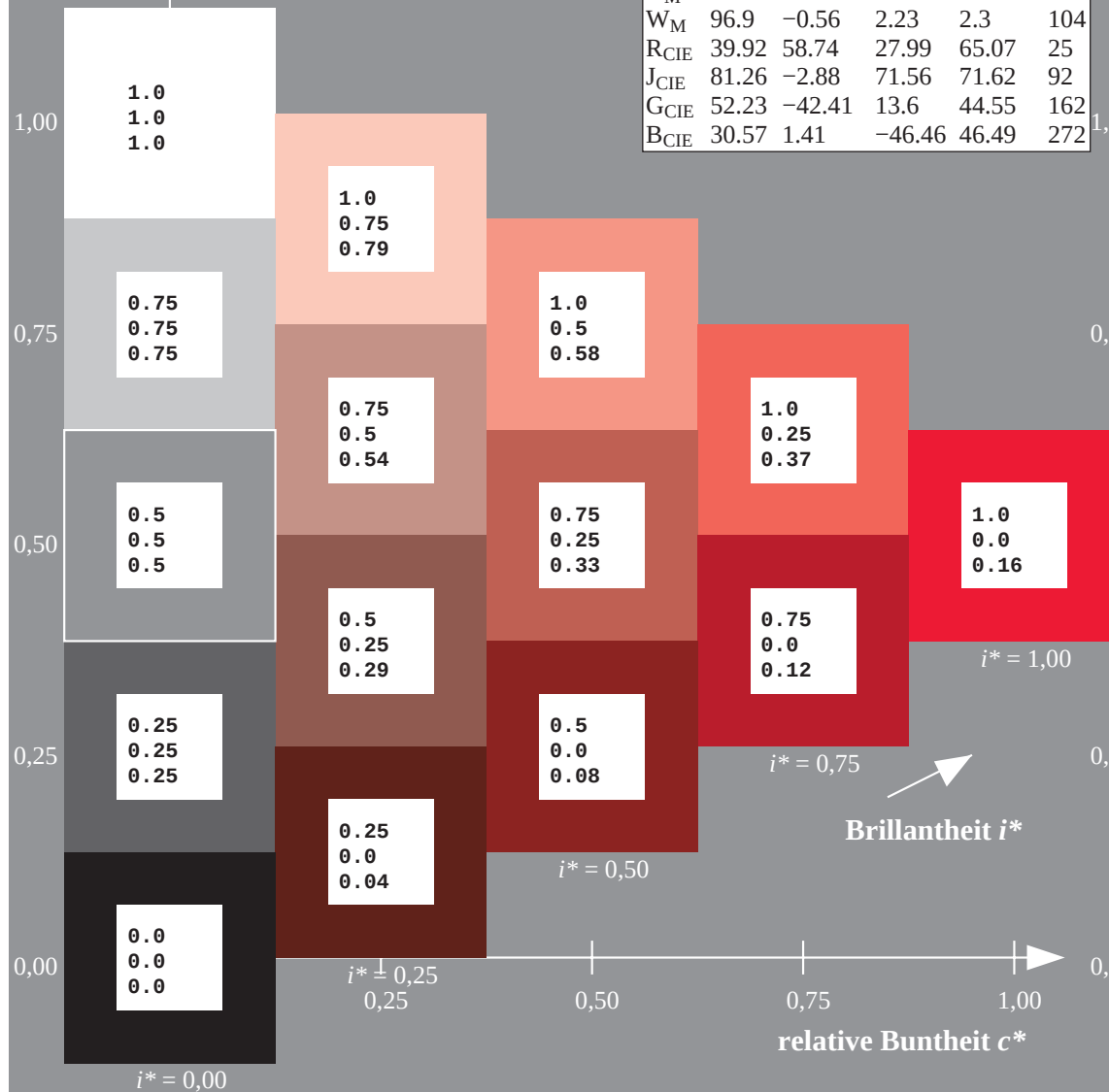
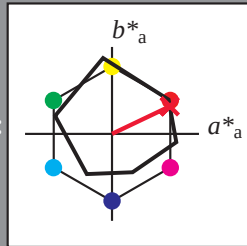
$$u_{rel}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
r00j	48.88	66.47	31.67	73.63	25	
r25j	55.85	52.39	47.48	70.7	42	
r50j	65.45	35.22	58.37	68.17	59	
r75j	75.19	17.82	69.41	71.66	76	
j00g	87.03	-3.34	82.83	82.9	92	
j25g	80.72	-25.0	69.5	73.86	110	
j50g	70.64	-39.53	51.97	65.3	127	
j75g	61.93	-52.09	36.83	63.8	145	
g00b	52.8	-65.27	20.93	68.56	162	
g25b	55.7	-49.57	-8.38	50.28	190	
g50b	57.82	-38.39	-28.91	48.07	217	
g75b	55.5	-22.04	-45.94	50.97	244	
b00r	41.6	1.37	-45.0	45.03	272	
b25r	29.0	25.08	-43.12	49.89	300	
b50r	38.04	46.53	-28.38	54.51	329	
b75r	49.48	72.88	-3.75	72.98	357	



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 42/360 = 0.117$

Daten für Maximalfarbe (Ma):

$$u^* = r25j$$

$$lab^*rgb'^*$$

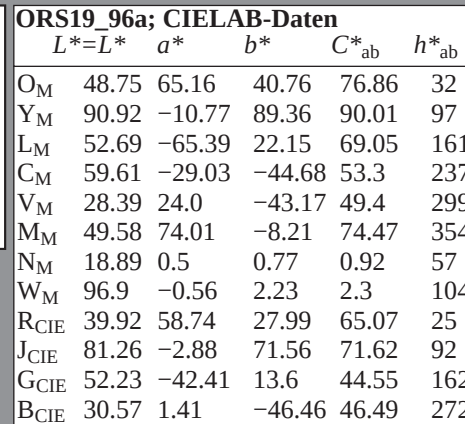
LAB*LAB*_{Ma}: 56 52 47

LAB*LCH*_{Ma}: 56 71 42

lab*rgb*_{Ma}: 1.0 0.25 0.0

lab*olv*Ma: 1.0 0.17 0.0

Dreiecks-Helligkeit t^*



ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



0,75

0,25

0,00

 $i^* = 0,00$
$$i^*=1,00$$
Brillantheit *i**relative Bunttheit c^*

in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 59/360 = 0.164$

Daten für Maximalfarbe (Ma):

$u^* = r50j$
 lab^*rgb^*

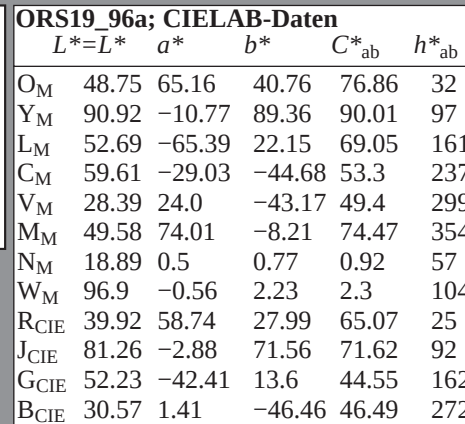
LAB*LAB*_{Ma}: 65 35 58

LAB*LCH*_{Ma}: 65 68 59

lab*rgb*_{Ma}: 1.0 0.5 0.0

lab*olv*_{Ma}: 1.0 0.4 0.0

Dreiecks-Helligkeit t^*



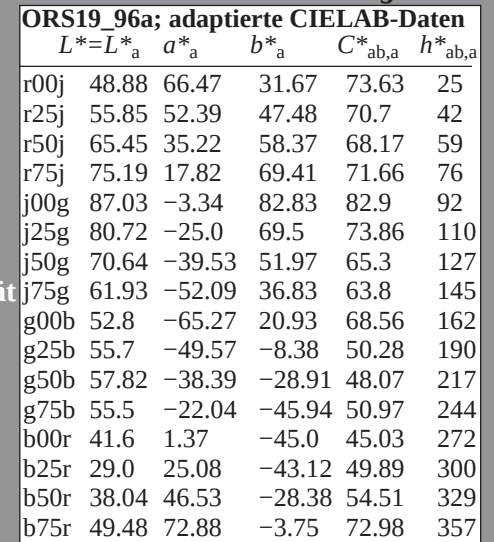
ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

$$u_{rel}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


*lab*rgb**

 $i^* = 1,00$

Brillantheit i*

Ein und Ausgabe: Farbmétrisches Drucker-Reflektiv-System ORS19_96a für relativen CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 76/360 = 0.21$

Daten für jede Farbe:

lab^*tch^* und lab^*icu^*

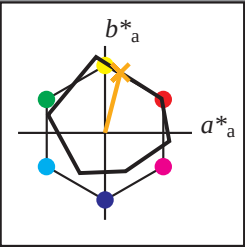
Elementar-Bunttoncontext:

$u^* = r75j$

Kontrastreduzierungsfaktor:

$c_R = 1.0$

Dreiecks-Helligkeit t^*



ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Daten für Maximalfarbe (Ma):

$LAB^*LAB^*_{Ma}: 75\ 18\ 69$

$LAB^*LCH^*_{Ma}: 75\ 72\ 76$

$lab^*rgb^*_{Ma}: 1.0\ 0.75\ 0.0$

$lab^*olv^*_{Ma}: 1.0\ 0.63\ 0.0$

Dreiecks-Helligkeit t^*

%Umfang

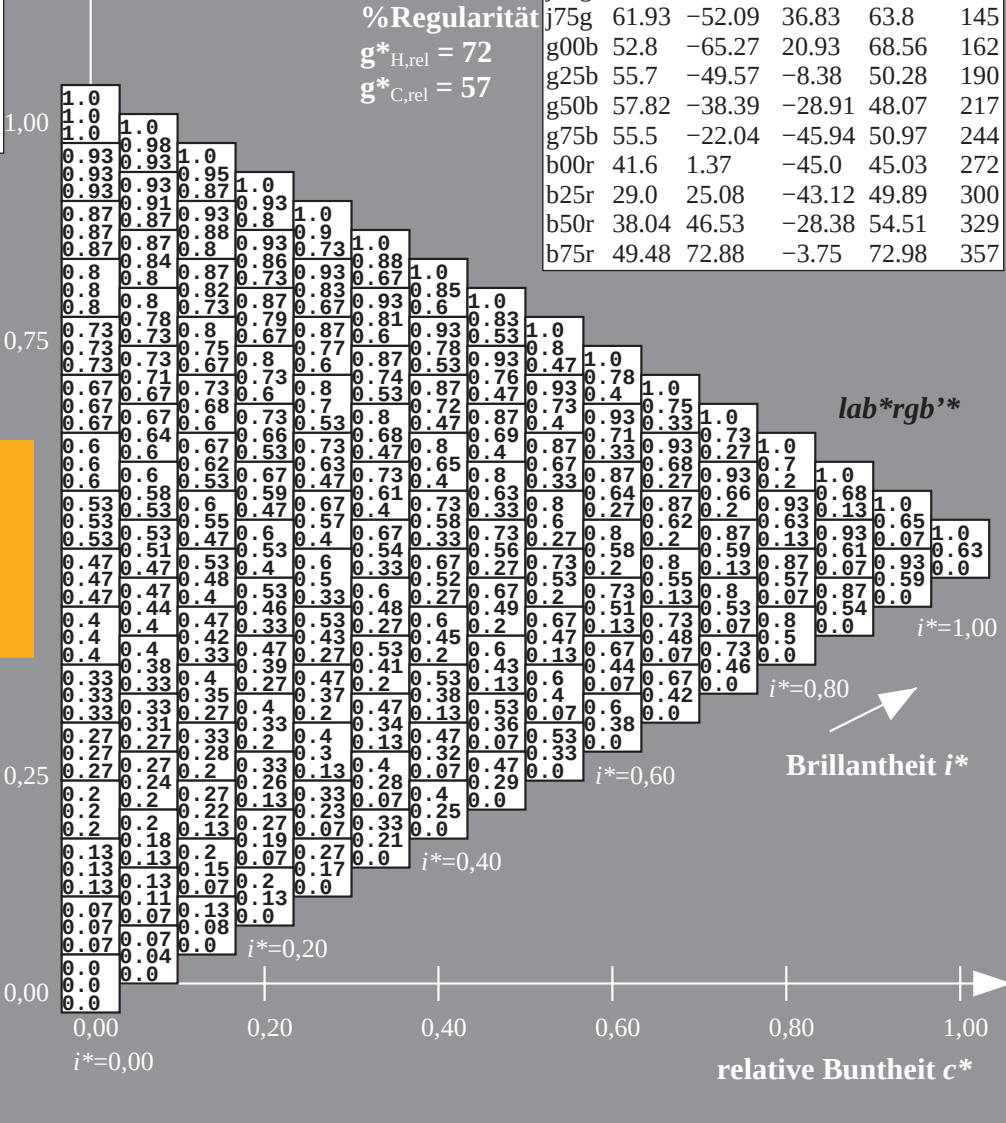
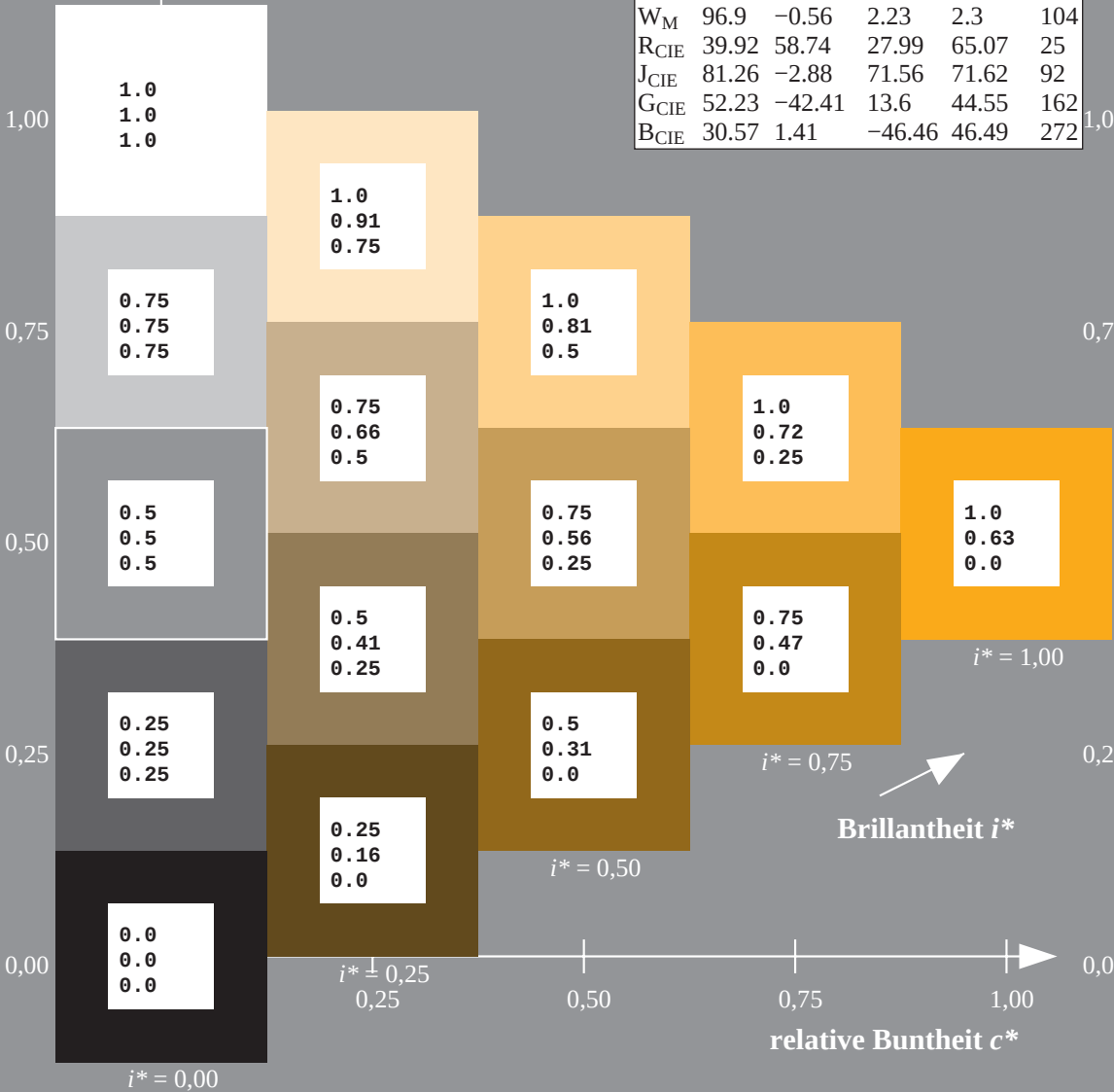
$u^*_{rel} = 89$

%Regularität

$g^*_{H,rel} = 72$

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

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 92/360 = 0.256$

Daten für Maximalfarbe (Ma):

$$u^* = j00g$$

*lab*rgb***

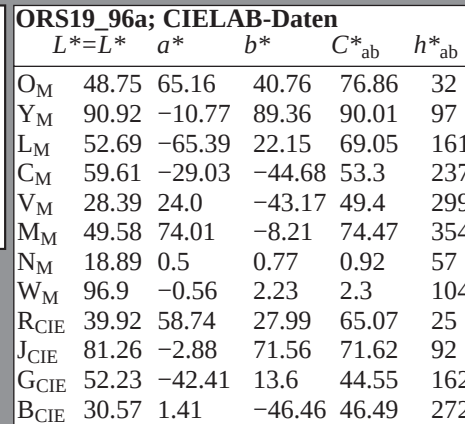
LAB*LAB*_{Ma}: 87 -2 83

LAB*LCH*Ma: 87 83 92

***lab*rgb*_{Ma}: 1.0 1.0 0.0**

***lab*olv**_{Ma}: 1.0 0.91 0.0**

Dreiecks-Helligkeit t^*



ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Umfang

$$u_{rel}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



*lab*rgb**

$$i^*=1,00$$

Brillantheit *i**

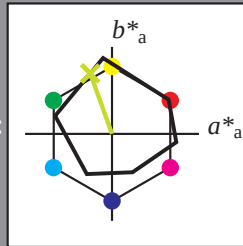
Brillantheit *i**

$$u^* = j25g$$

*lab*tch** und *lab*icu**

$$u^* = j25g$$
 $c_R = 1.0$

Dreiecks-Helligkeit t^*



ORS19_96a; CIELAB-Daten					
	$L^*=\bar{L}^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

$LAB*LAB^*_{Ma}$: 81 -24 69

LAB*LCH*Ma: 81 74 110

lab*rgb*_Ma: 0.75 1.0 0.0

lab*olv*Ma: 0.73 1.0 0.0

Dreiecks-Helligkeit t^*

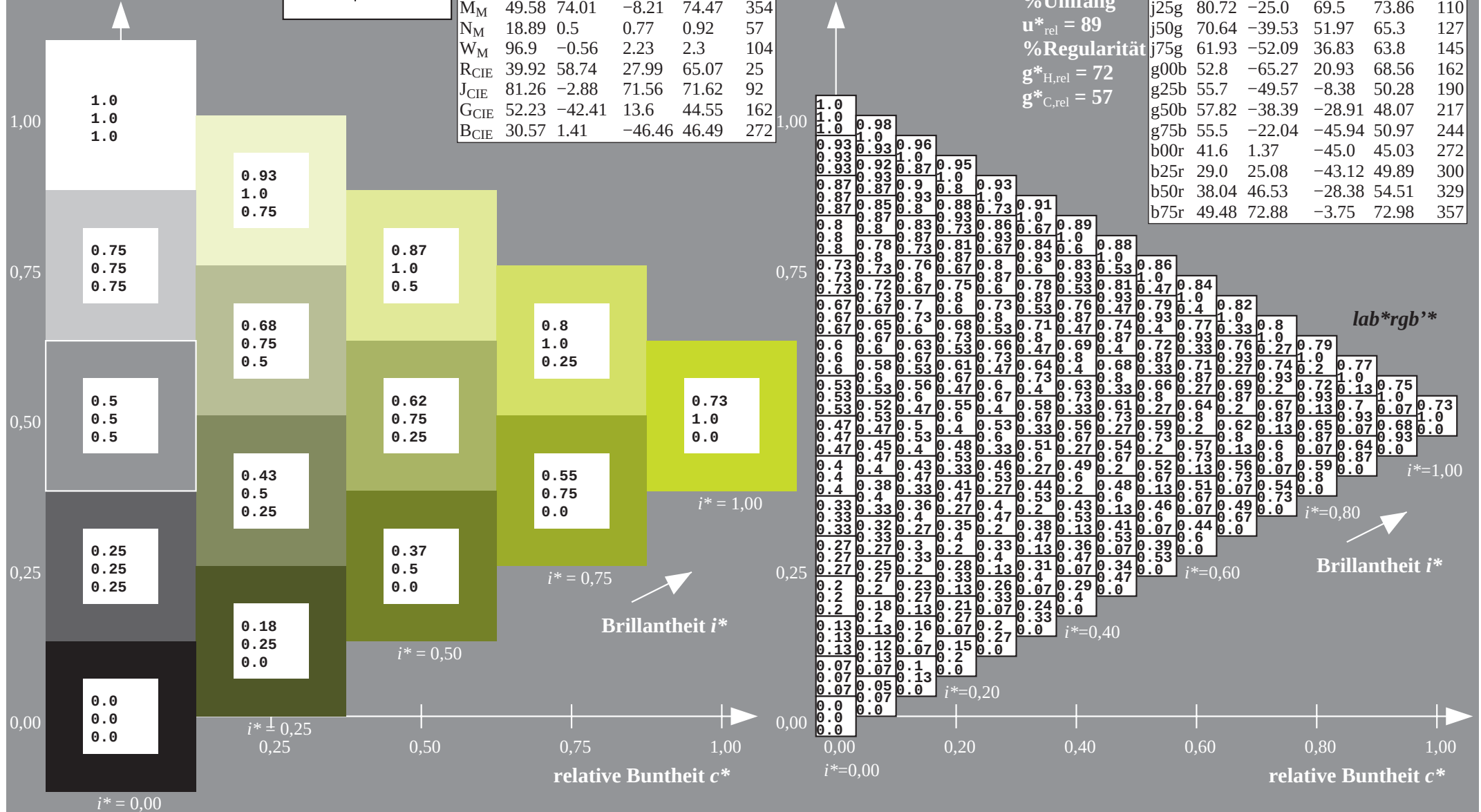
%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 127/360 = 0.354$ $u^* = j50g$

Daten für Maximalfarbe (Ma):

*lab*rgb***

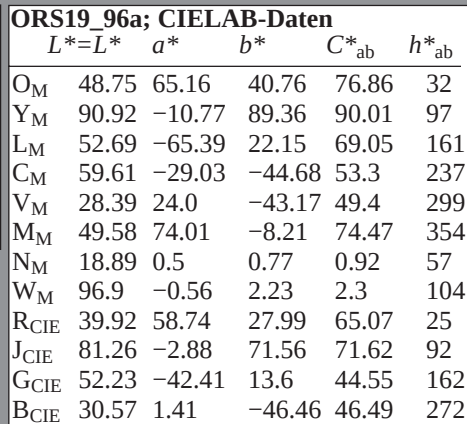
$LAB^*LAB^*M_2: 71 \quad -39 \quad 52$

LAB*LCH*Ma: 71 65 127

lab*rgb*_{Ma}: 0.5 1.0 0.0

lab*olv*Ma: 0.47 1.0 0.0

Dreiecks-Helligkeit t^*



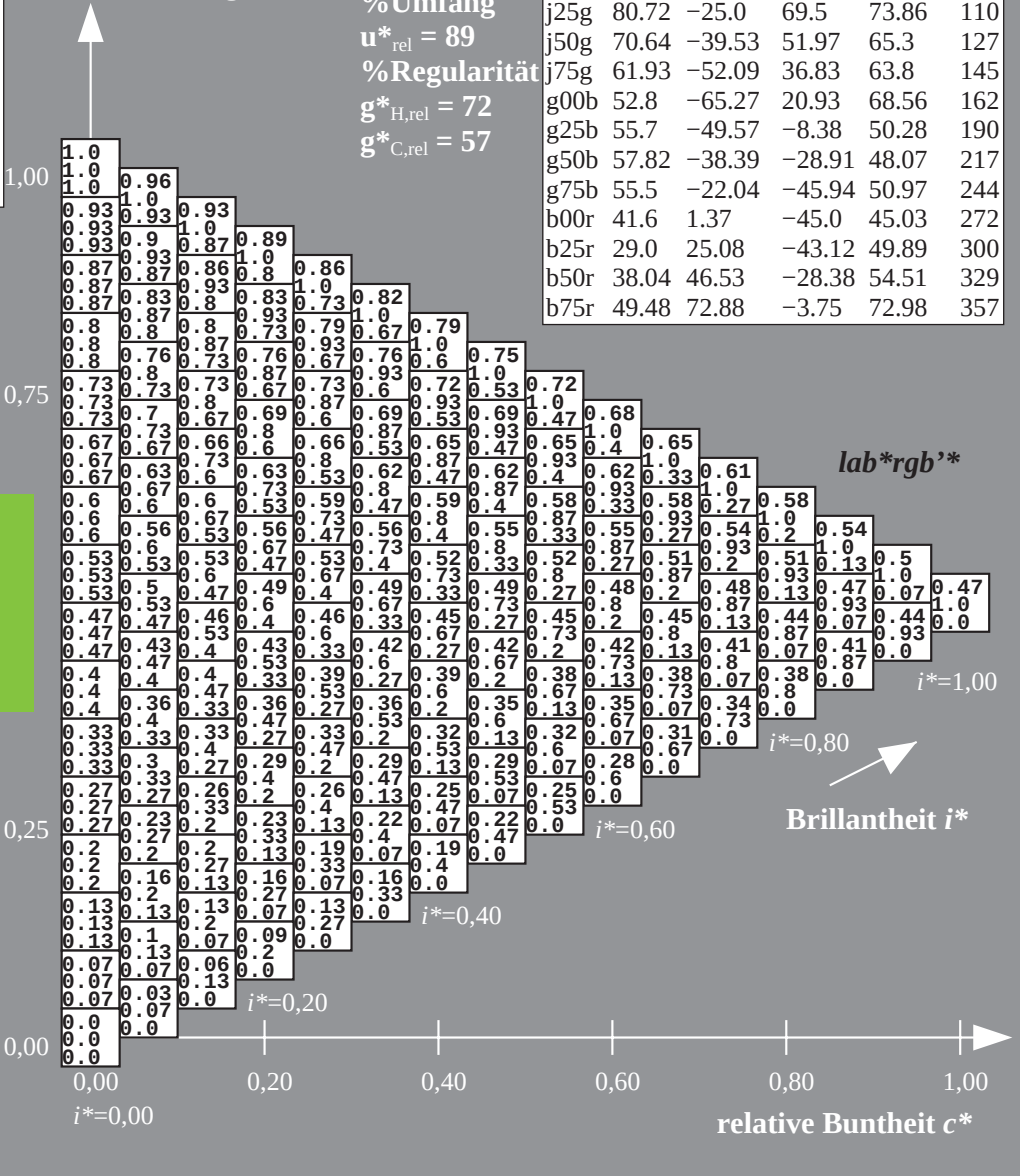
ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

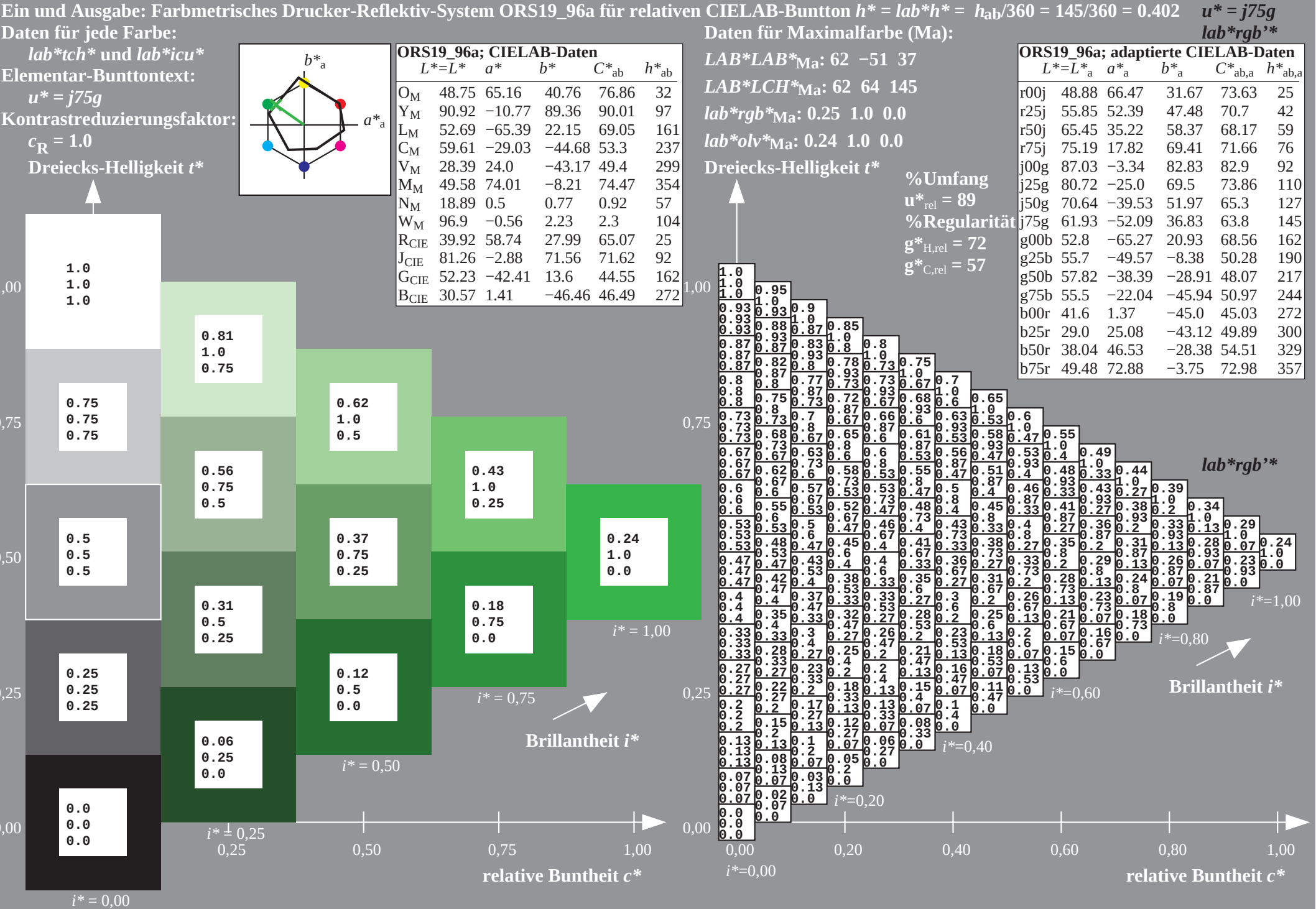
%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


*lab*rgb***

$i^*=1,00$

Brillantheit i^*



in CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 162/360 = 0.451$ $u^* = g00b$

Daten für Maximalfarbe (Ma):

*lab*rgb***

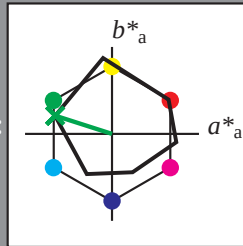
LAB*LAB*_{Ma}: 53 -64 21

LAB*LCH*Ma: 53 69 162

lab*rgb*_{Ma}: 0.0 1.0 0.0

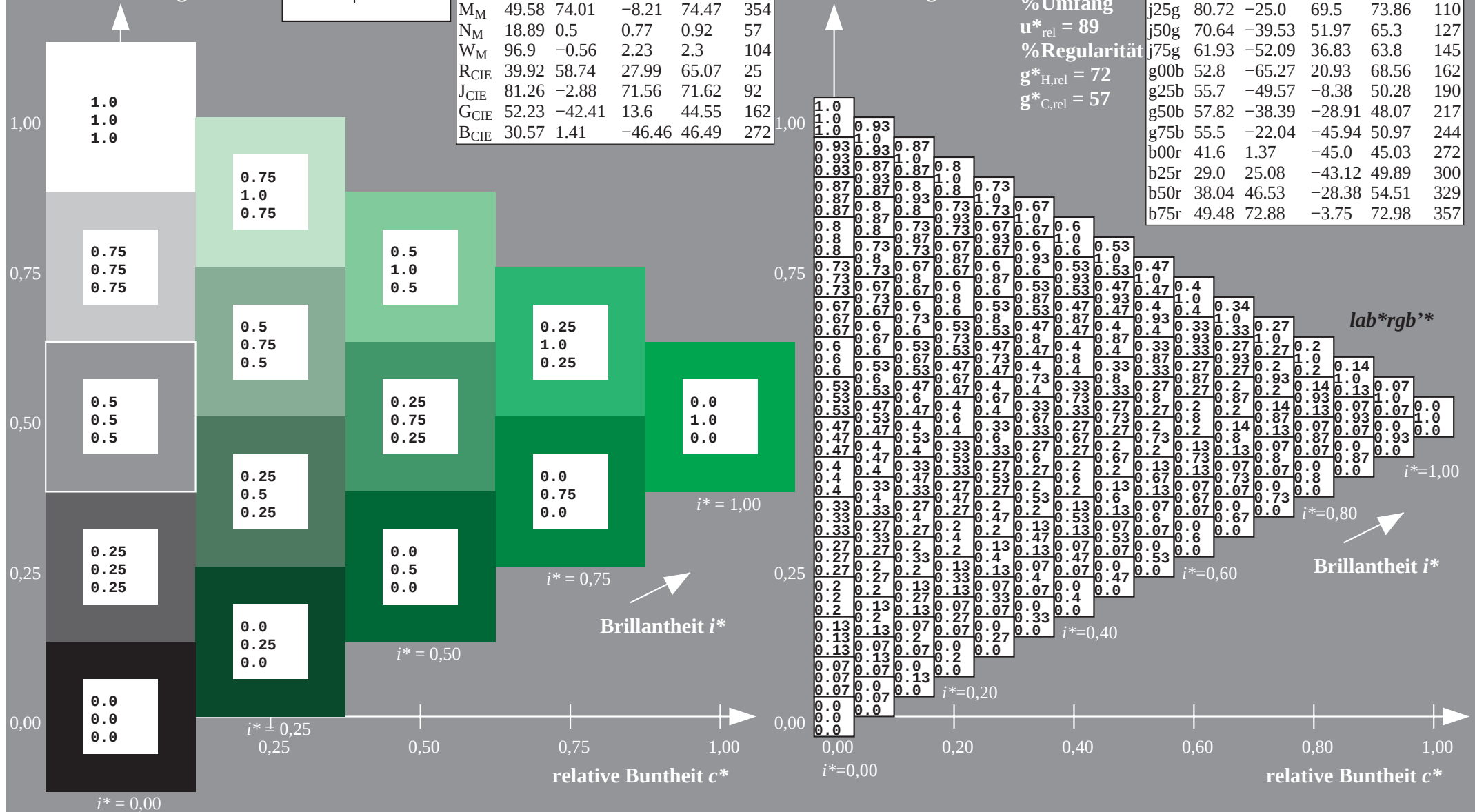
lab*olv*Ma: 0.0 1.0 0.0

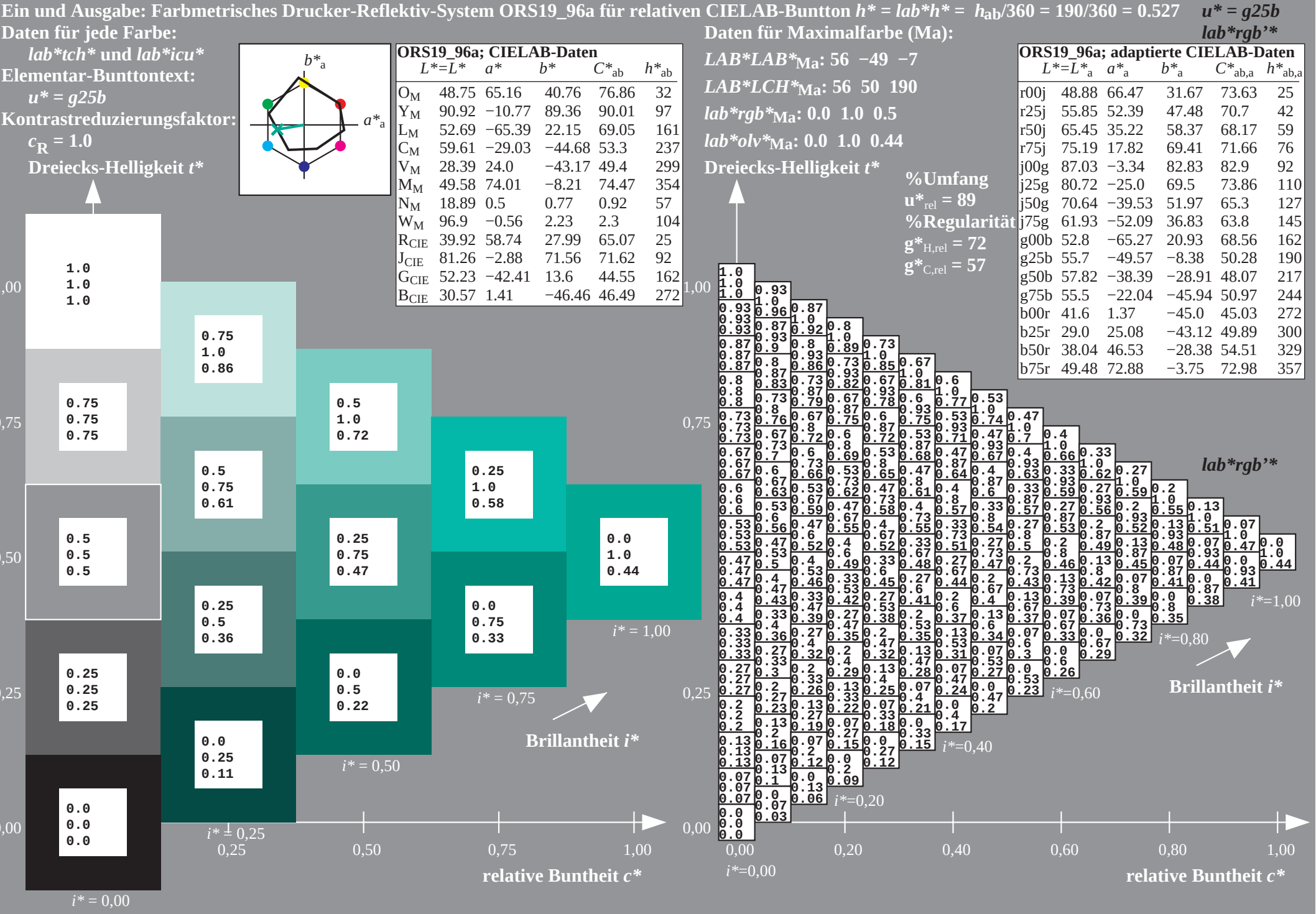
Dreiecks-Helligkeit t^*



ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten					
	$L^*=L_a^*$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357





$$u^* = g50b$$

Daten für Maximalfarbe (Ma):

*lab*rgb***

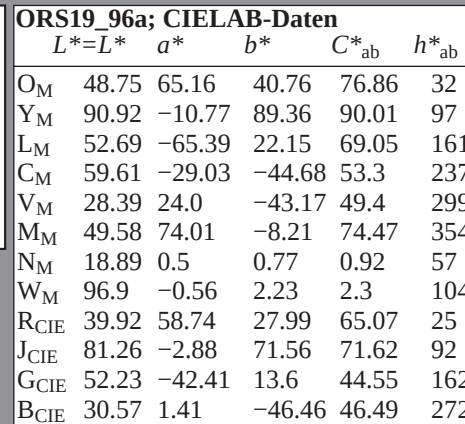
LAB*LAB*_{Ma}: 58 -37 -28

LAB*LCH*Ma: 58 48 217

lab*rgb*Ma: 0.0 1.0 1.0

lab*olv*_{Ma}: 0.0 1.0 0.74

Dreiecks-Helligkeit t^*



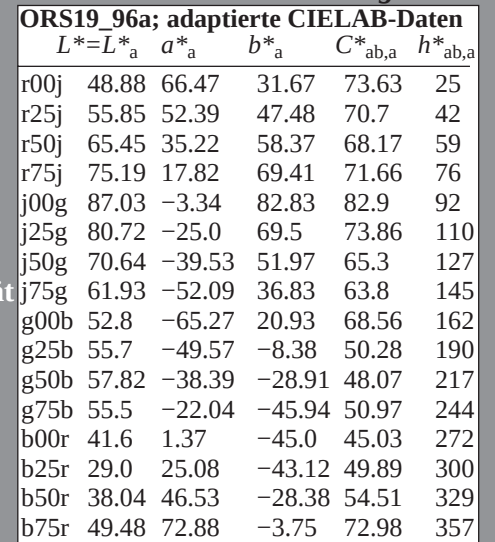
ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

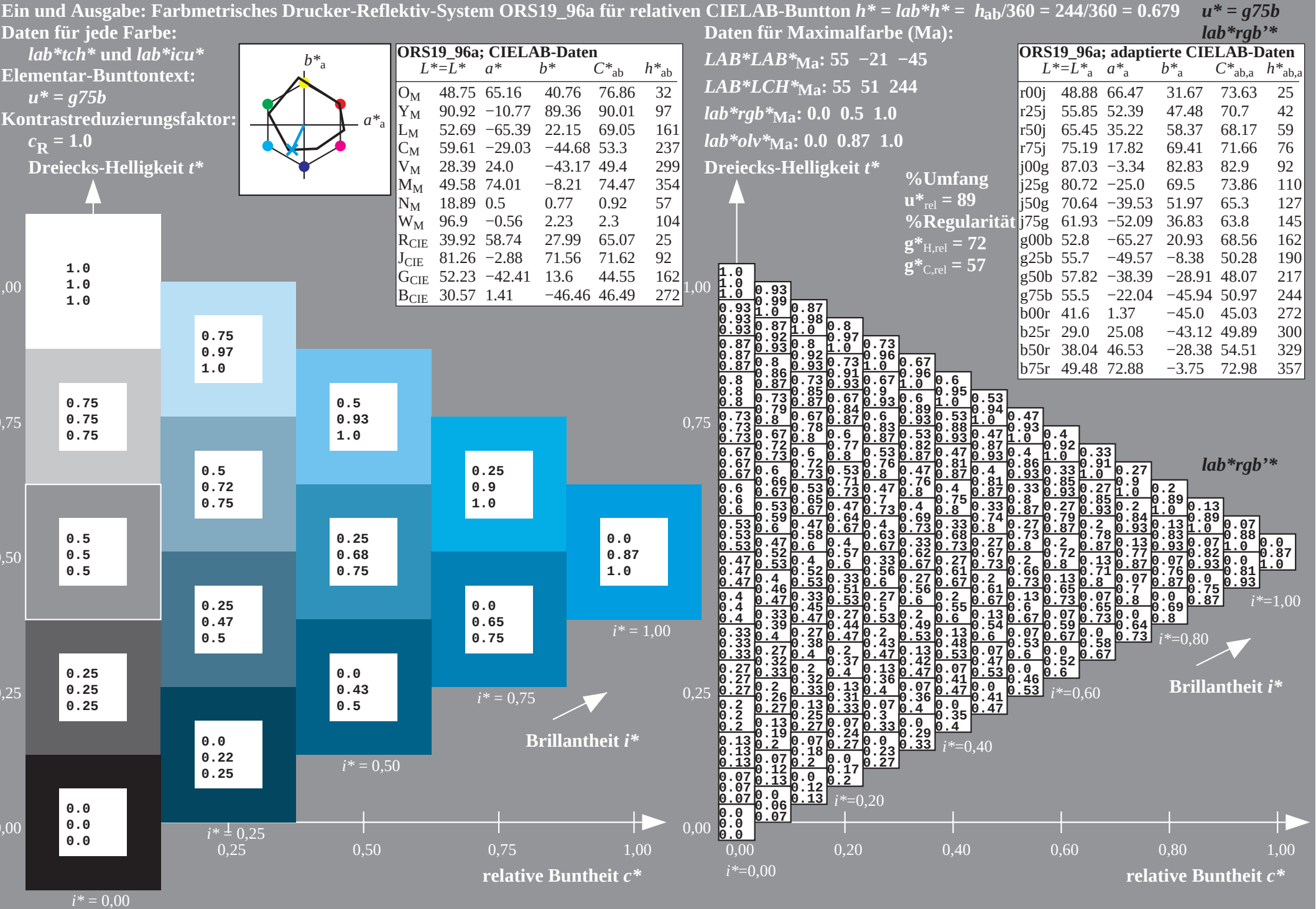
%Regularität

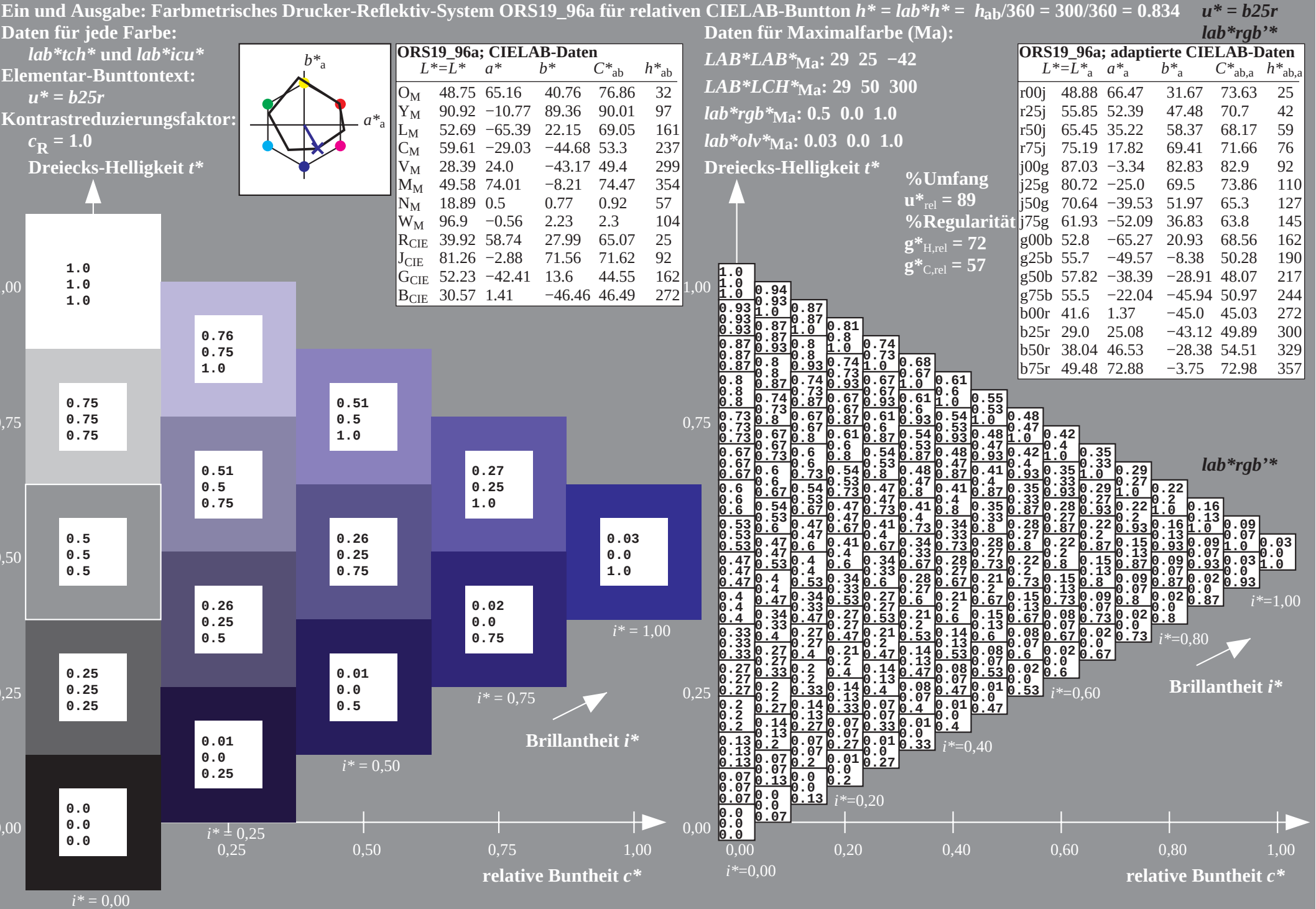
$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$


*lab*rgb***

 $i^*=1,00$

Brillantheit i*





CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 329/360 = 0.913$ $u^* = b50r$

Daten für Maximalfarbe (Ma):

*lab*rgb**

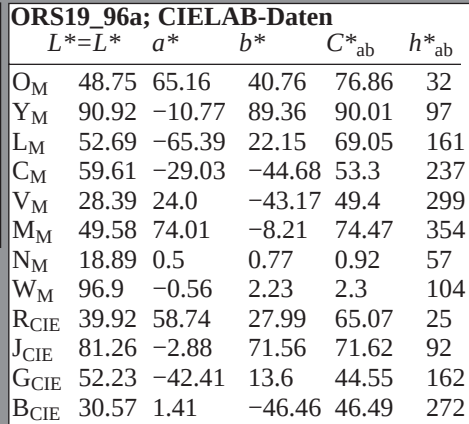
LAB*LAB*_{Ma}: 38 47 -27

LAB*LCH*Ma: 38 55 329

lab*rgb*_{Ma}: 1.0 0.0 1.0

lab*olv*_{Ma}: 0.46 0.0 1.0

Dreiecks-Helligkeit t^*



ORS19_96a; CIELAB-Daten					
	$L^* = L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Dreiecks-Helligkeit t^*

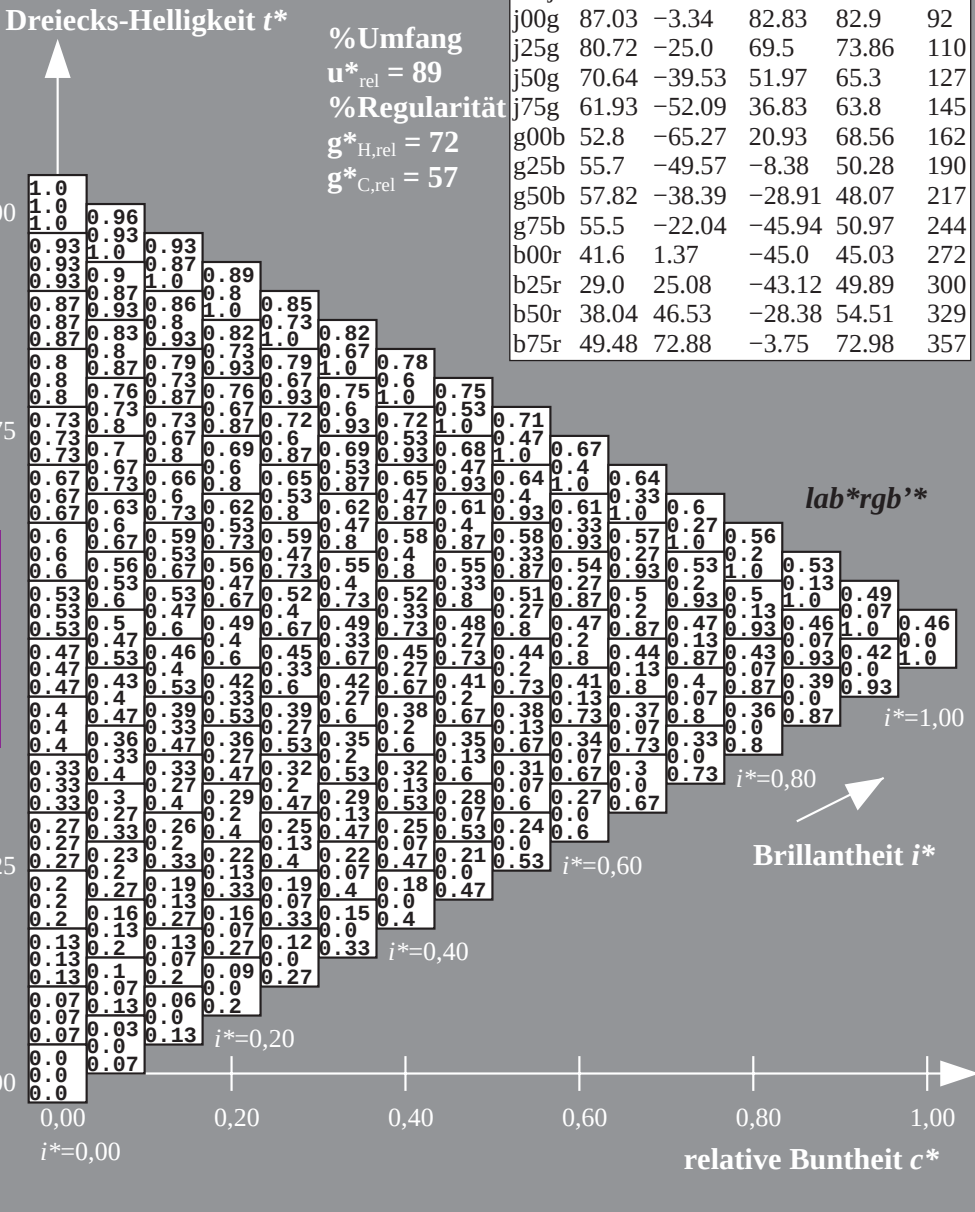
%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



Farbmetrisches Drucker-Reflektiv-System ORS19_96a

Daten für jede Farbe:

*lab*tch** und *lab*icu**

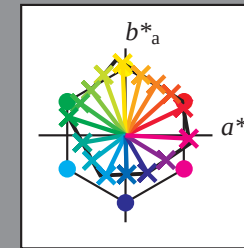
Elementar-Bunttontext:

$u^* = 16$ Bunttöne $r00j, r25j, \dots, b75r$

Kontrastreduzierungsfaktor:

$$c_R = 1.0$$

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357



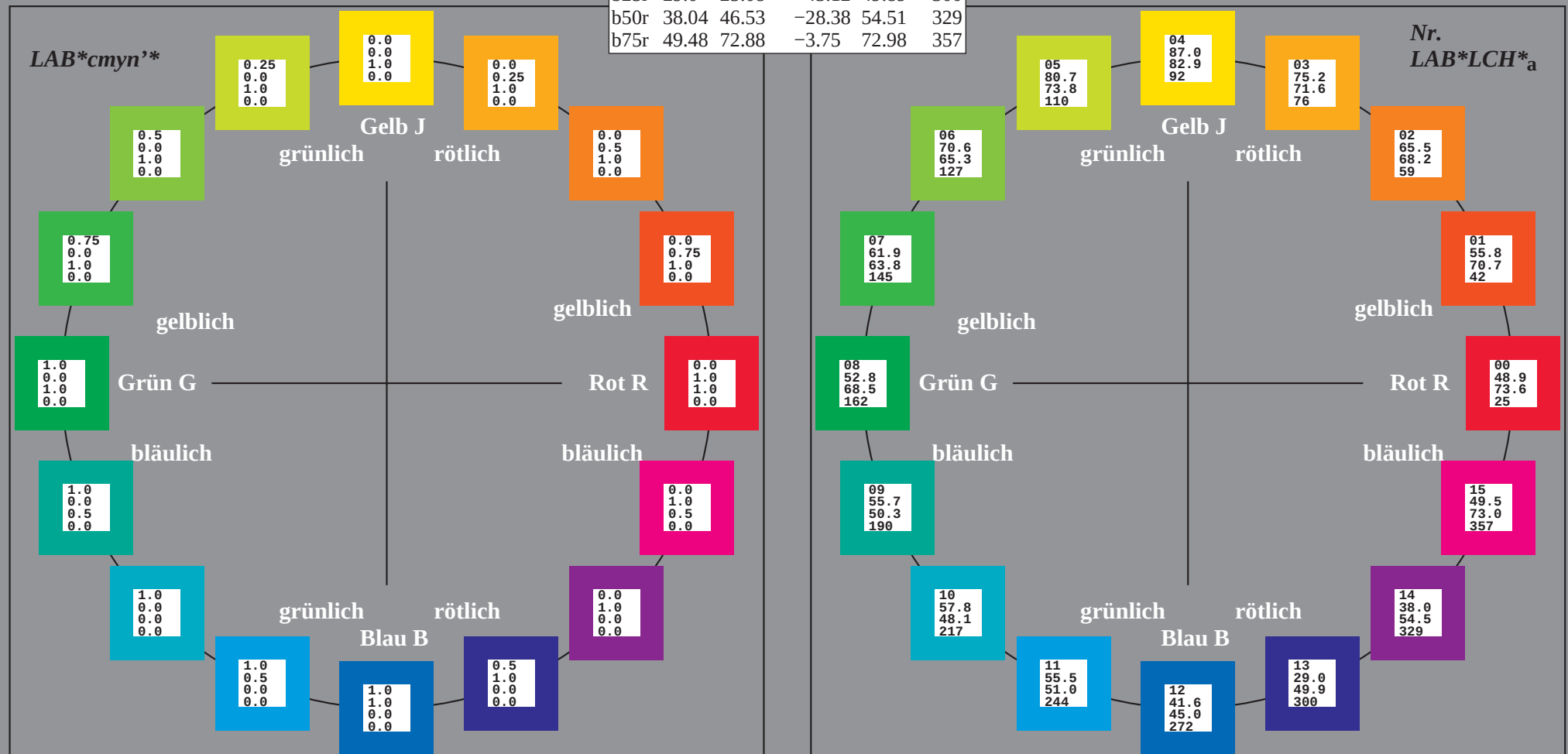
%Umfang

$$\mathbf{u}_{\text{rel}}^* = 89$$

%Regularität

$$g^*_{H,rel} = 72$$
$$g^*_{C,rel} = 57$$

ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



$$u^* = r25j$$

*LAB*cmyn'**

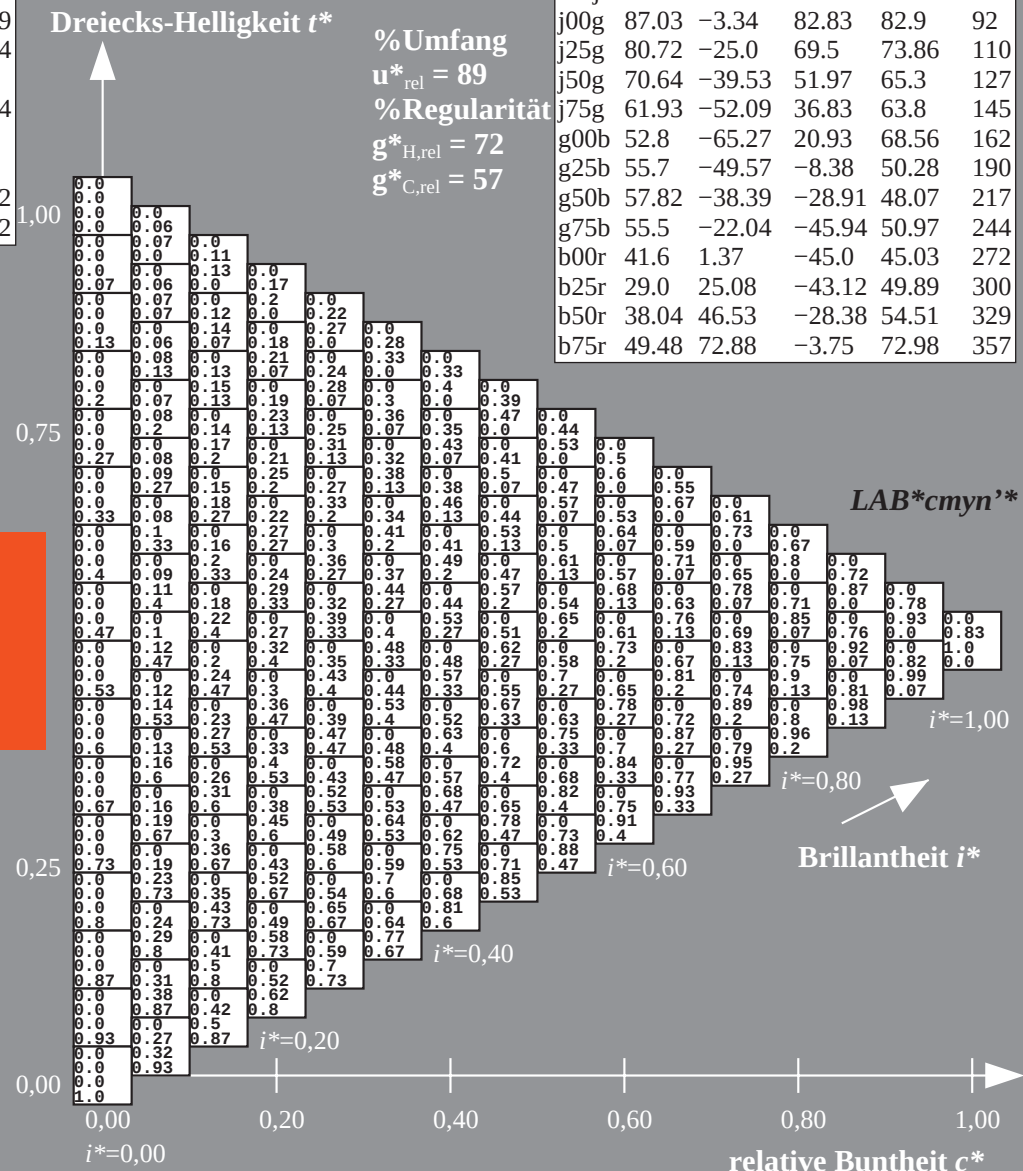
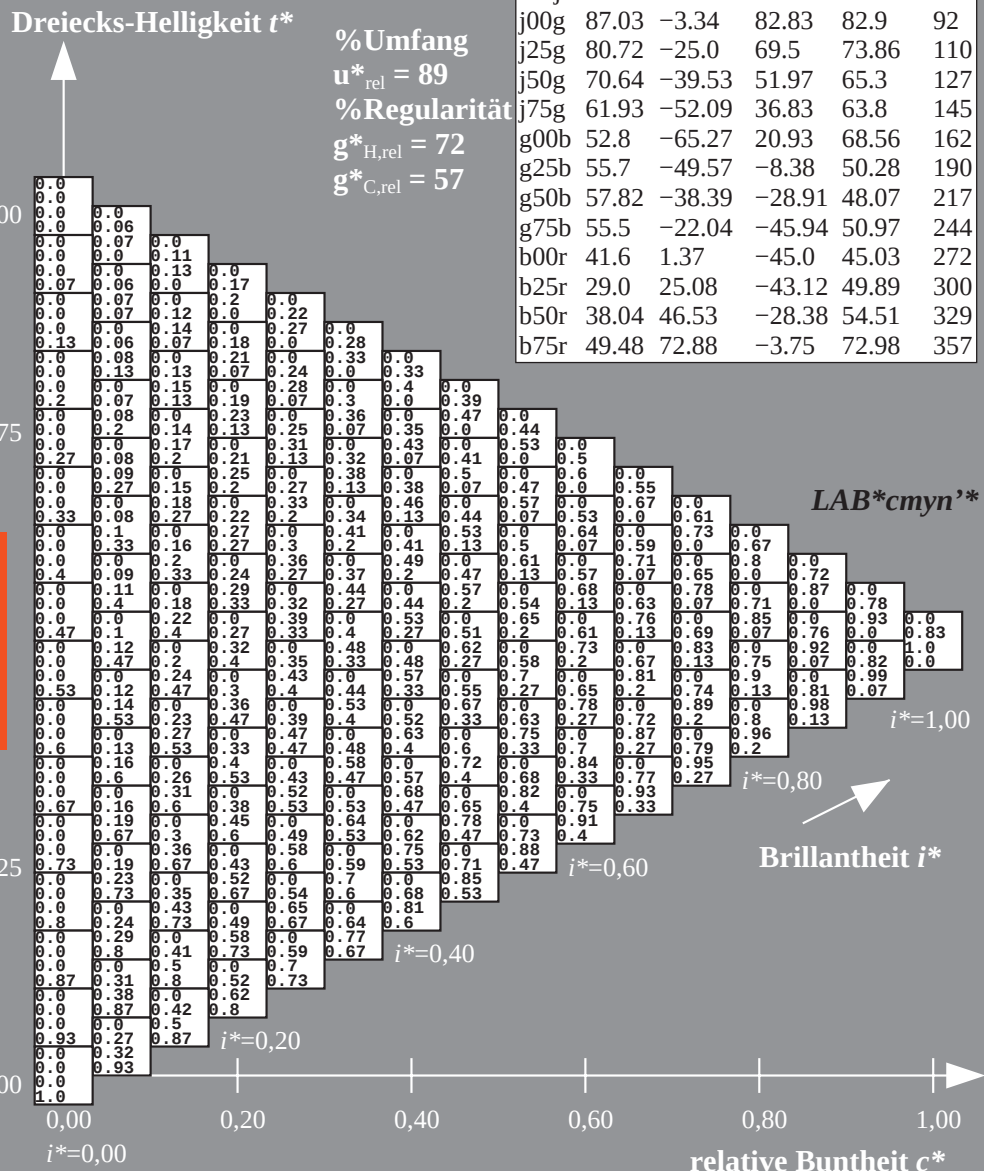
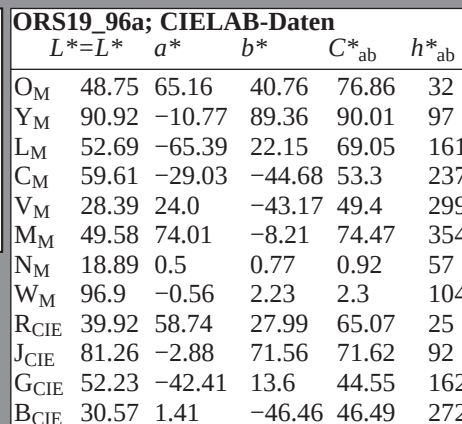
CIELAB-Daten

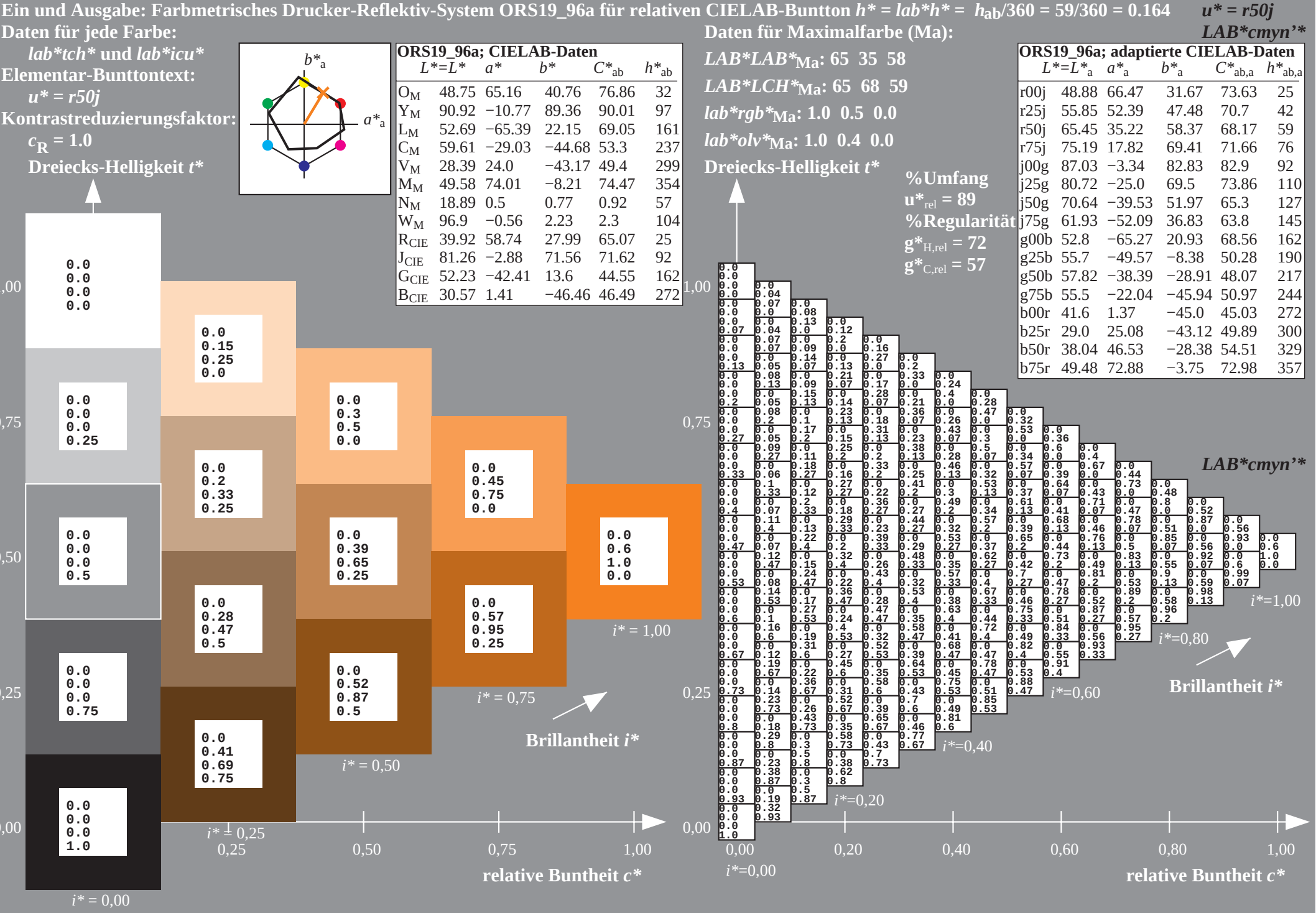
67	73.63	25
----	-------	----

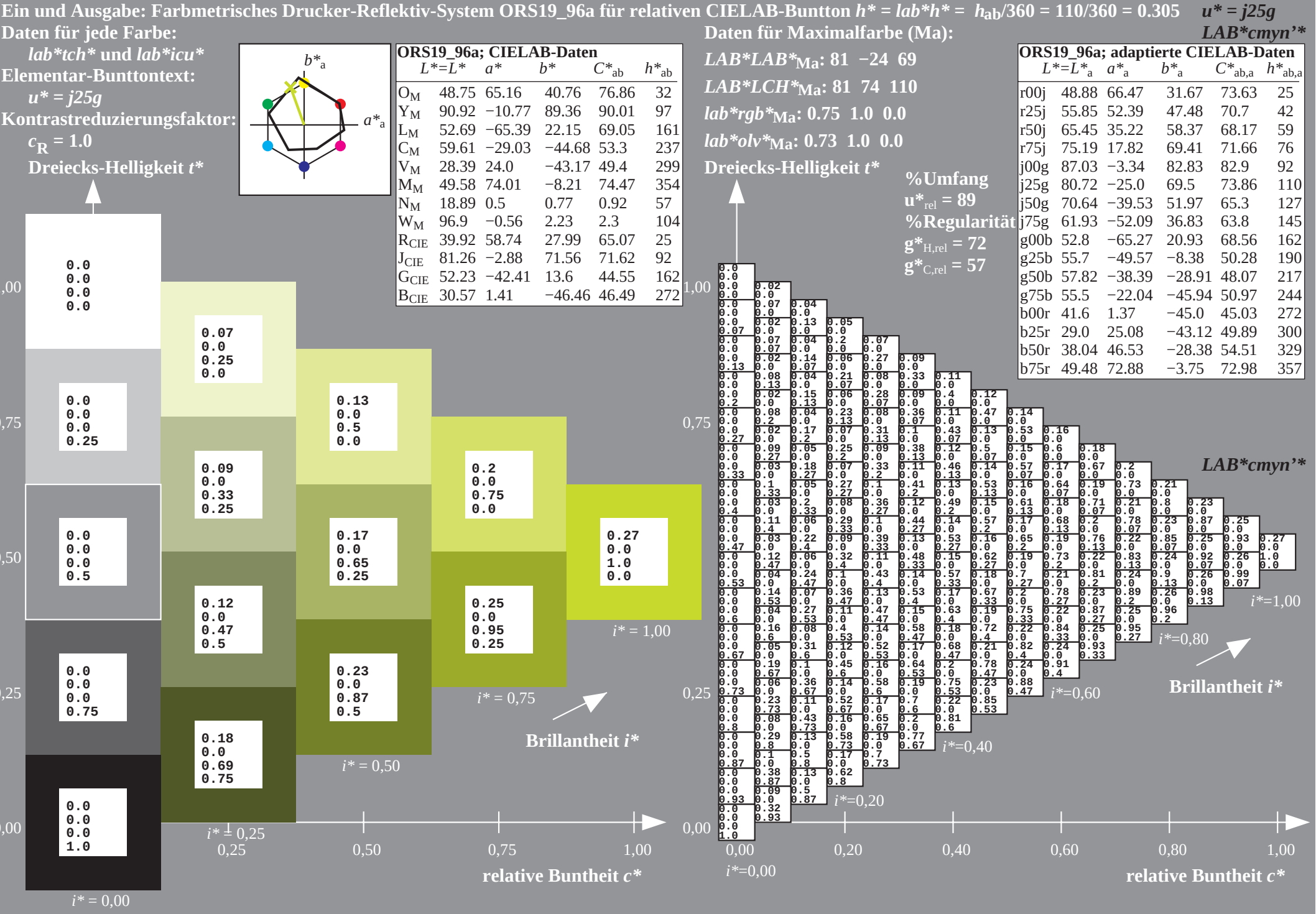
48	70.7	42
27	69.17	50

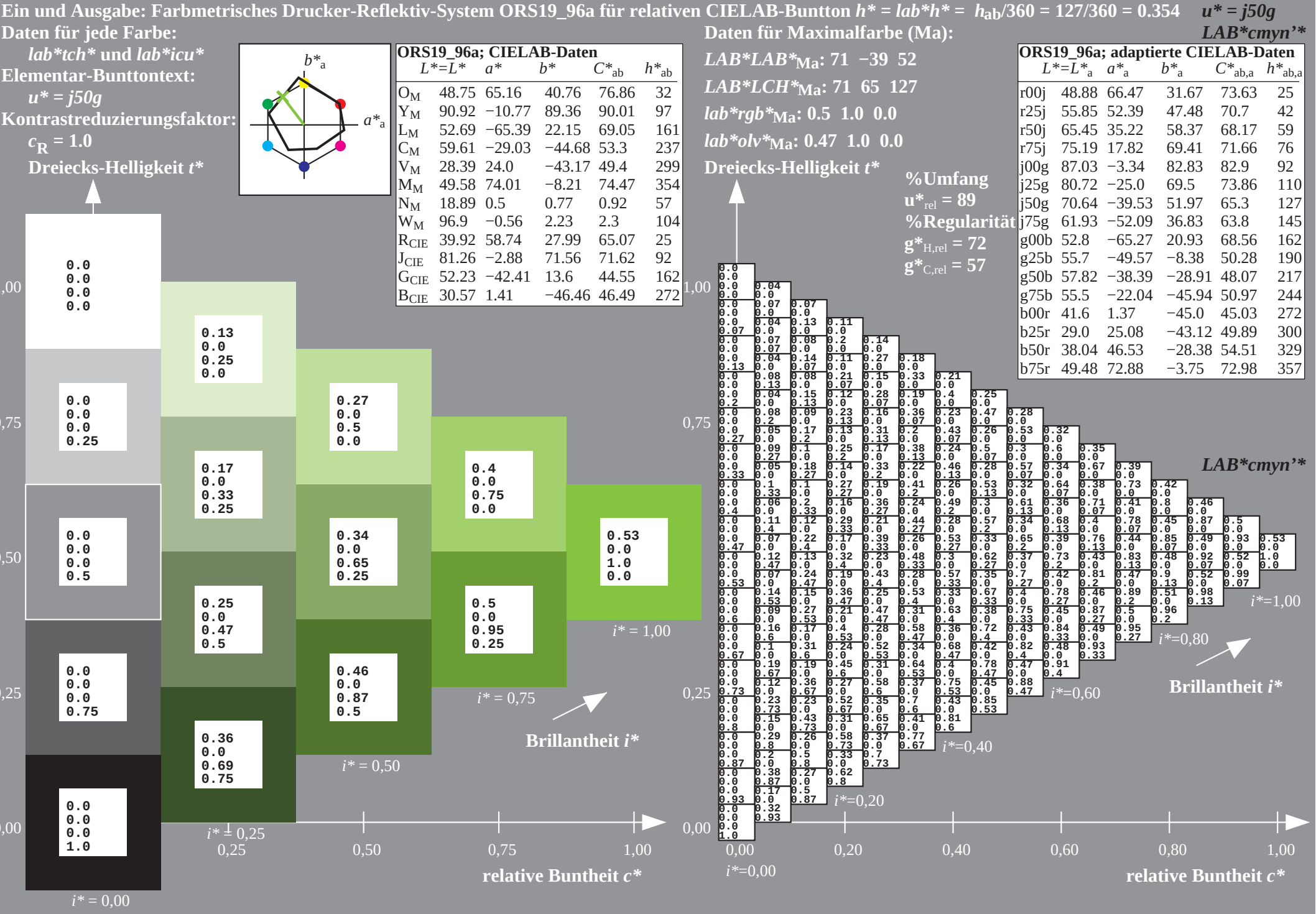
37	68.17	59
41	71.66	76

83	82.9	92
----	------	----









$$u^* = g25b$$

*LAB*cmyn'**

CIELAB-Daten

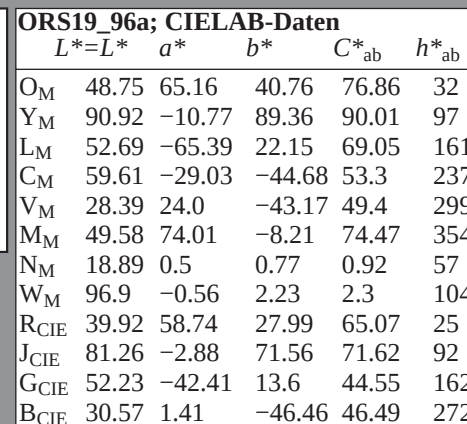
 $C_{ab,a}^* \quad h_{ab,a}^*$

67	73.63	25
----	-------	----

48	70.7	42
27	69.17	59

37	68.17	59
41	71.66	76

83	82.9	92
----	------	----


$$u^* = g25b$$

*LAB*cmyn'**

CIELAB-Daten

$C_{ab,a}^*$	$h_{ab,a}^*$
67 73 63	25

47	73.05	23
48	70.7	42

37	68.17	59
41	71.66	76

83	82.9	92
----	------	----

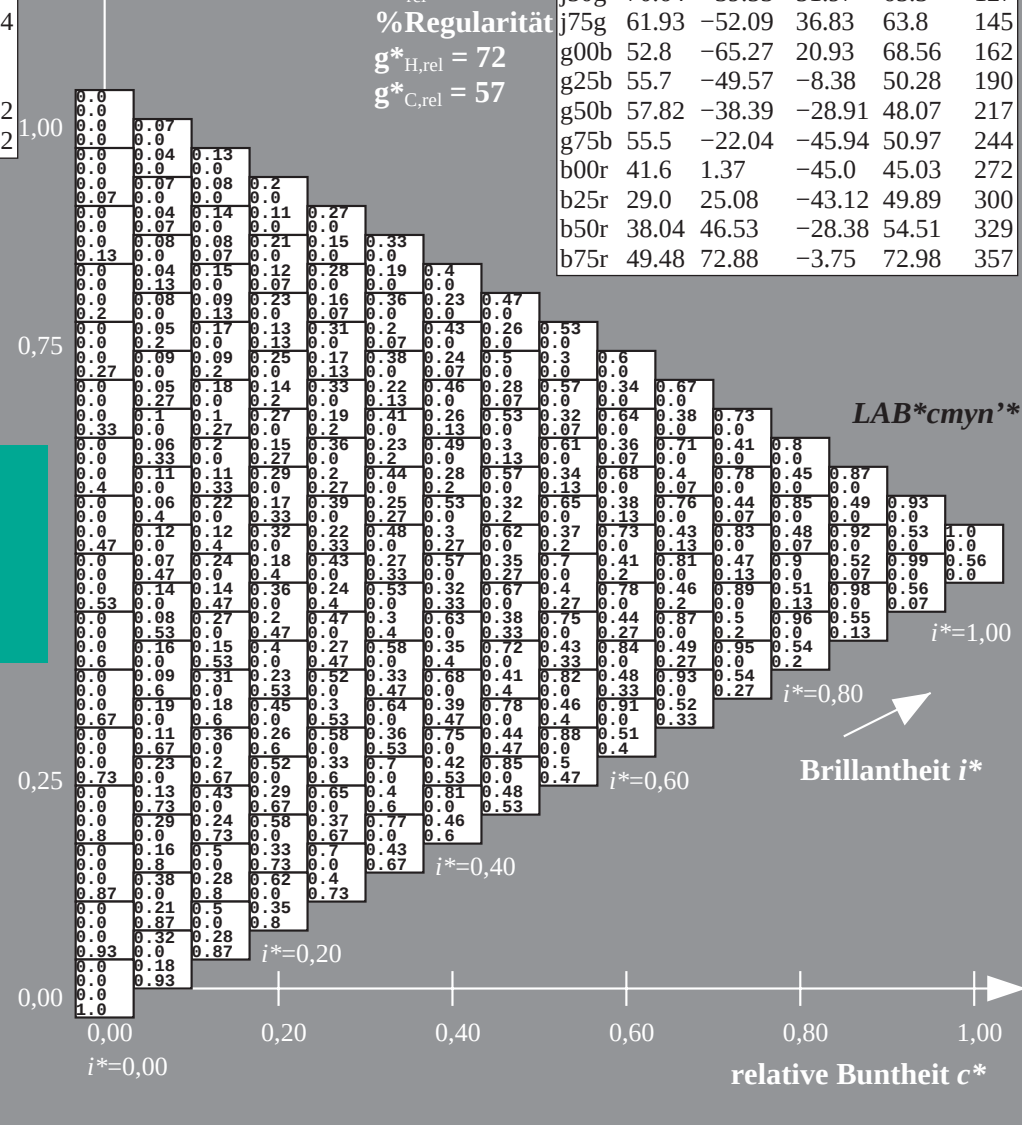
83	82.9	92
5	73.86	110

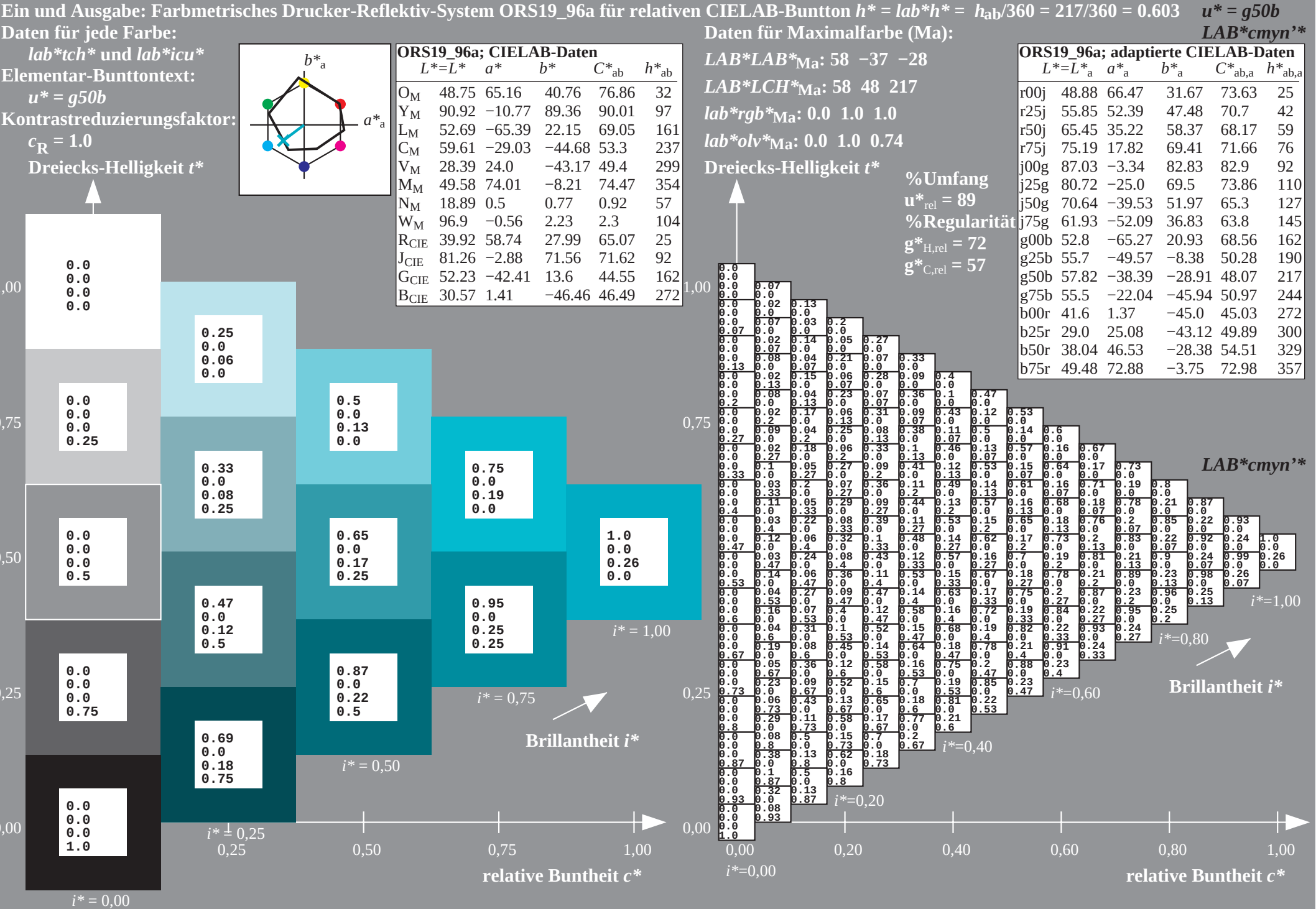
97	65.3	127
----	------	-----

83	63.8	145
----	------	-----

93	68.56	162
----	-------	-----

38	50.28	190
39	49.07	217





n CIELAB-Buntton $h^* = lab^*h^* = h_{ab}/360 = 244/360 = 0.679$ $u^* = g75b$

Daten für Maximalfarbe (Ma):

$u^* = g75b$
 $LAB^*cm_{yn}^*$

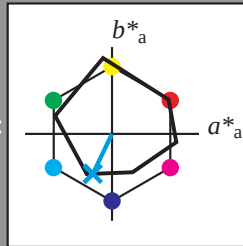
LAB*LAB*_{Ma}: 55 -21 -45

LAB*LCH*Ma: 55 51 244

*lab*rgb**_{Ma}: 0.0 0.5 1.0

lab*olv*_Ma: 0.0 0.87 1.0

Dreiecks-Helligkeit t^*



ORS19_96a; CIELAB-Daten					
	$L^*=L^*$	a^*	b^*	C^*_{ab}	h^*_{ab}
O _M	48.75	65.16	40.76	76.86	32
Y _M	90.92	-10.77	89.36	90.01	97
L _M	52.69	-65.39	22.15	69.05	161
C _M	59.61	-29.03	-44.68	53.3	237
V _M	28.39	24.0	-43.17	49.4	299
M _M	49.58	74.01	-8.21	74.47	354
N _M	18.89	0.5	0.77	0.92	57
W _M	96.9	-0.56	2.23	2.3	104
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

ORS19_96a; adaptierte CIELAB-Daten					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
r00j	48.88	66.47	31.67	73.63	25
r25j	55.85	52.39	47.48	70.7	42
r50j	65.45	35.22	58.37	68.17	59
r75j	75.19	17.82	69.41	71.66	76
j00g	87.03	-3.34	82.83	82.9	92
j25g	80.72	-25.0	69.5	73.86	110
j50g	70.64	-39.53	51.97	65.3	127
j75g	61.93	-52.09	36.83	63.8	145
g00b	52.8	-65.27	20.93	68.56	162
g25b	55.7	-49.57	-8.38	50.28	190
g50b	57.82	-38.39	-28.91	48.07	217
g75b	55.5	-22.04	-45.94	50.97	244
b00r	41.6	1.37	-45.0	45.03	272
b25r	29.0	25.08	-43.12	49.89	300
b50r	38.04	46.53	-28.38	54.51	329
b75r	49.48	72.88	-3.75	72.98	357

