

Input and Output: Television Luminous System TLS00a

Data for any device (d) or
elementary (e) colour:

HIC^*_e

hue text for the colours

of this page:

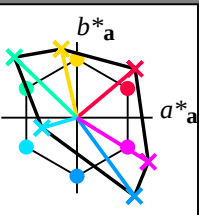
$H^*_eR00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	48.4	66.1	40.2	77.3
R25Y_100_100_e	56.8	48.0	50.5	69.6
R50Y_100_100_e	68.6	25.0	63.9	68.6
R75Y_100_100_e	80.6	4.8	77.2	77.3
Y00G_100_100_e	90.2	-9.6	88.2	88.7
Y25G_100_100_e	83.2	-18.4	79.9	81.9
Y50G_100_100_e	73.3	-31.7	62.7	70.2
Y75G_100_100_e	62.0	-49.7	43.2	65.8
G00B_100_100_e	55.8	-65.2	33.8	73.4
G25B_100_100_e	59.3	-50.3	-9.0	51.0
G50B_100_100_e	63.0	-30.5	-42.0	51.9
G75B_100_100_e	45.7	-5.7	-44.6	44.9
B00R_100_100_e	27.5	25.9	-47.3	53.9
B25R_100_100_e	38.3	52.6	-28.5	59.8
B50R_100_100_e	49.5	73.5	-9.0	74.0
B75R_100_100_e	48.9	69.3	12.9	70.4

TLS00a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_e, Ma	50.5	76.9	64.5	100.4
Y_e, Ma	92.6	-20.6	90.7	93.0
G_e, Ma	83.6	-82.7	79.9	115.0
C_e, Ma	86.8	-46.1	-13.5	48.0
B_e, Ma	30.3	76.0	-103.6	128.5
M_e, Ma	57.3	94.3	-58.4	110.9
N_e, Ma	0.0	0.0	0.0	0.0
W_e, Ma	95.4	0.0	0.0	0.0
R_e, CIE	39.9	58.7	27.9	65.0
Y_e, CIE	81.2	-2.8	71.5	71.6
G_e, CIE	52.2	-42.4	13.6	44.5
B_e, CIE	30.5	1.4	-46.4	46.4



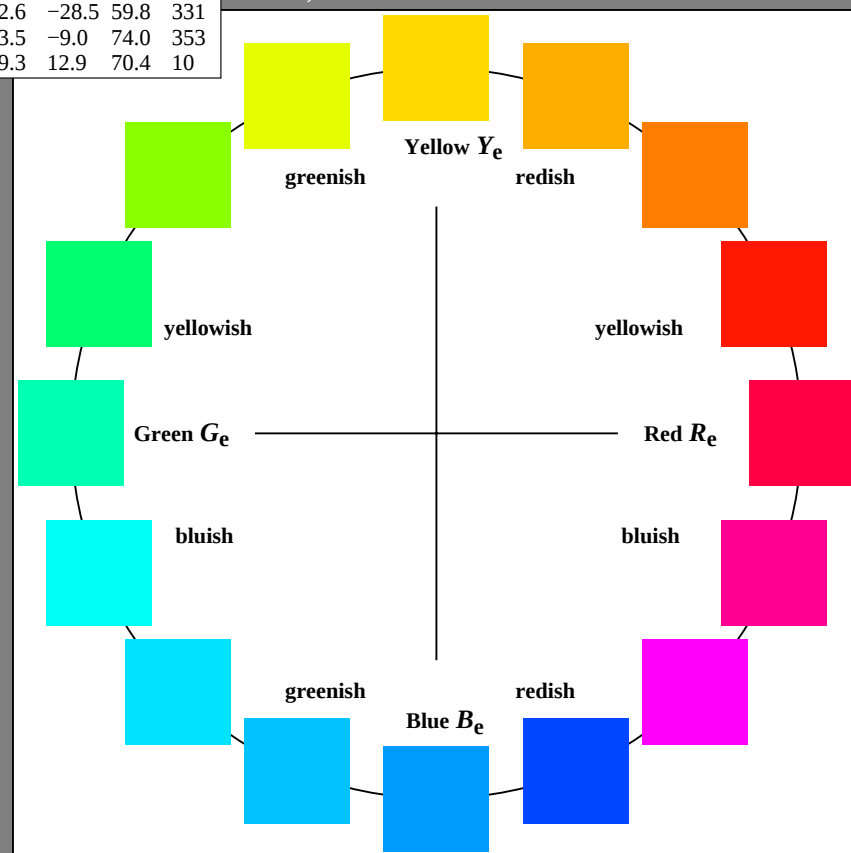
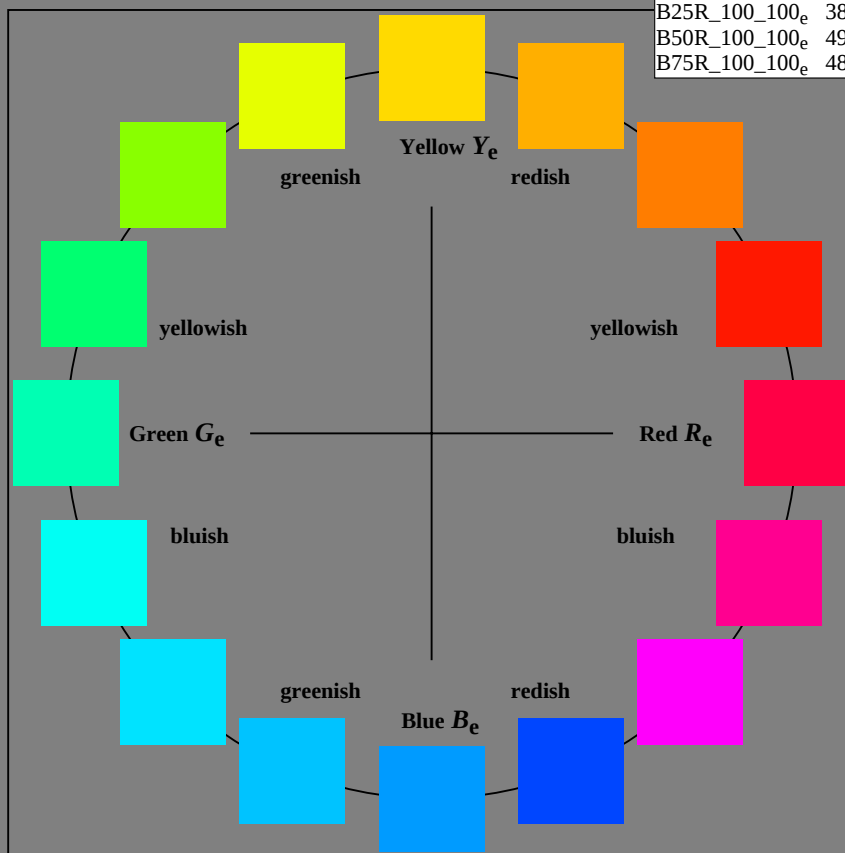
%Gamut

$u^*_{rel} = 158$

%Regularity

$g^*H_{rel} = 19$

$g^*C_{rel} = 37$



1-110000-L0 cmyn6*

AE660-70

Test chart AE66 similar to test chart 1 of CIE R8-09
16 step elementary hue circle; Test chart according to DIN 33872-5

input: $rgb/cmy0/000n/w$ set...
output: $\rightarrow rgb_{de}$ setrgbcolor

Input and Output: Television Luminous System TLS06a

Data for any device (d) or
elementary (e) colour:

HIC^*_e

hue text for the colours

of this page:

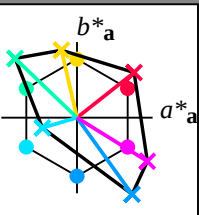
$H^*_e R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	48.4	66.1	40.2	77.3
R25Y_100_100_e	56.8	48.0	50.5	69.6
R50Y_100_100_e	68.6	25.0	63.9	68.6
R75Y_100_100_e	80.6	4.8	77.2	77.3
Y00G_100_100_e	90.2	-9.6	88.2	88.7
Y25G_100_100_e	83.2	-18.4	79.9	81.9
Y50G_100_100_e	73.3	-31.7	62.7	70.2
Y75G_100_100_e	62.0	-49.7	43.2	65.8
G00B_100_100_e	55.8	-65.2	33.8	73.4
G25B_100_100_e	59.3	-50.3	-9.0	51.0
G50B_100_100_e	63.0	-30.5	-42.0	51.9
G75B_100_100_e	45.7	-5.7	-44.6	44.9
B00R_100_100_e	27.5	25.9	-47.3	53.9
B25R_100_100_e	38.3	52.6	-28.5	59.8
B50R_100_100_e	49.5	73.5	-9.0	74.0
B75R_100_100_e	48.9	69.3	12.9	70.4

TLS06a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_e, Ma	51.0	75.5	59.6	96.2
Y_e, Ma	92.6	-20.5	89.2	91.5
G_e, Ma	83.7	-81.7	78.3	113.2
C_e, Ma	86.9	-45.7	-13.4	47.6
B_e, Ma	31.7	72.9	-101.3	124.8
M_e, Ma	57.7	93.0	-57.7	109.5
N_e, Ma	5.6	0.0	0.0	0.0
W_e, Ma	95.4	0.0	0.0	0.0
R_e, CIE	39.9	58.7	27.9	65.0
Y_e, CIE	81.2	-2.8	71.5	71.6
G_e, CIE	52.2	-42.4	13.6	44.5
B_e, CIE	30.5	1.4	-46.4	46.4



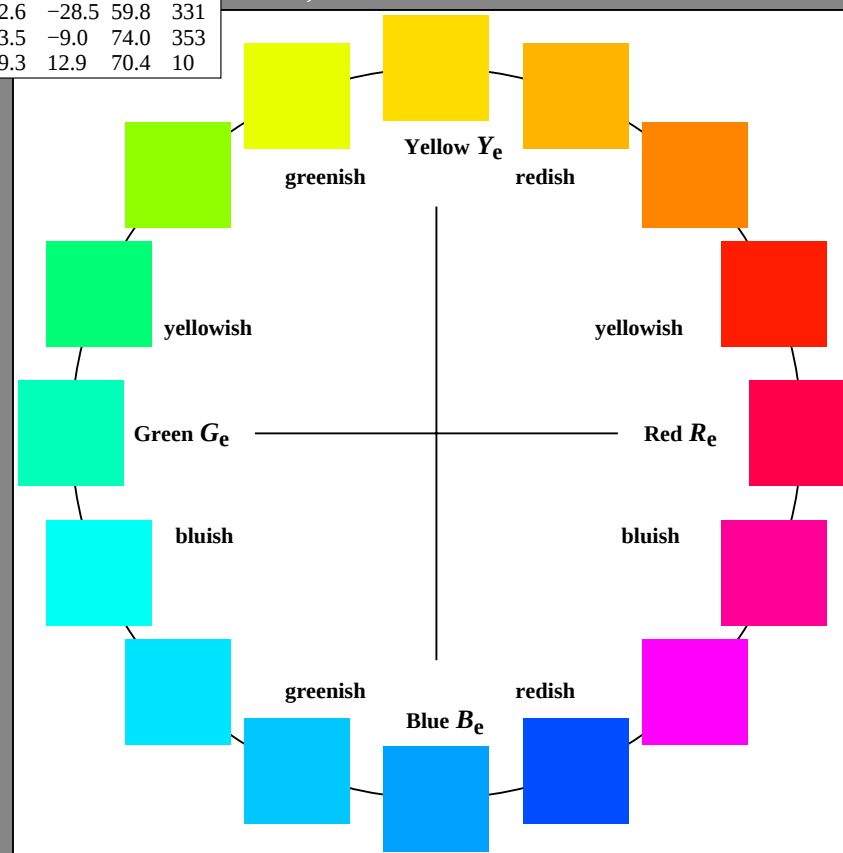
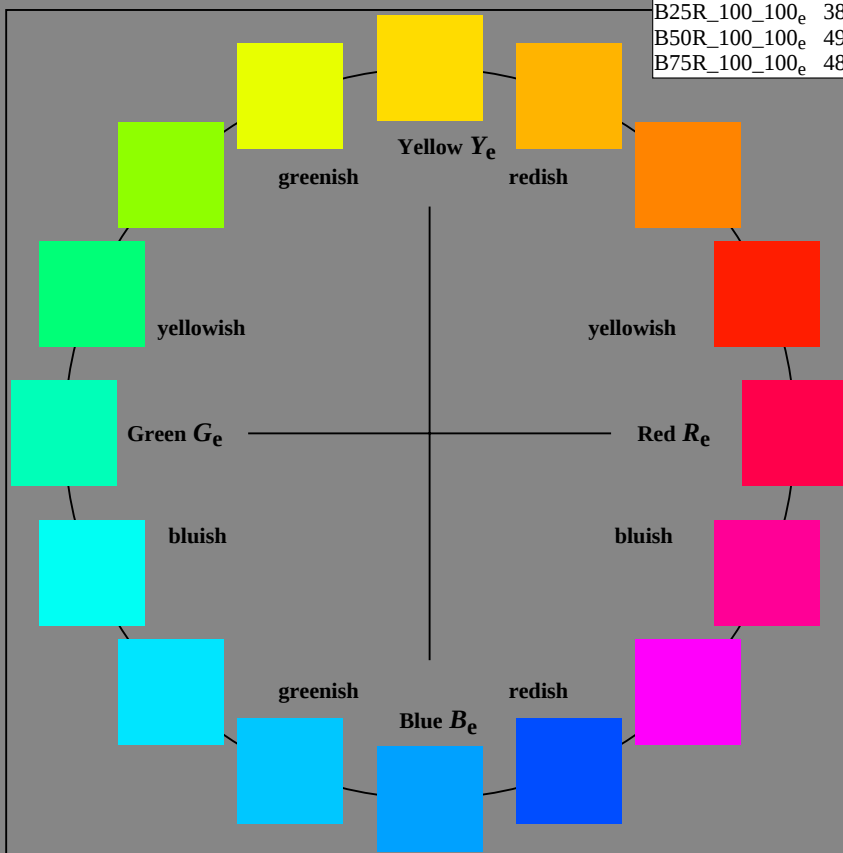
%Gamut

$u^*_{rel} = 145$

%Regularity

$g^*H_{rel} = 20$

$g^*C_{rel} = 38$



1-110000-L0 cmyn6*

AE660-70

Test chart AE66 similar to test chart 1 of CIE R8-09
16 step elementary hue circle; Test chart according to DIN 33872-5

input: $rgb/cmy0/000n/w$ set...
output: $\rightarrow rgb_{de}$ setrgbcolor

TUB Registration: 20190301-AE66/AE66L0FA.TXT /.PS
application for measurement or viewing of display and print output

TUB material: code=rha4ta

Input and Output: Television Luminous System TLS11a

Data for any device (d) or
elementary (e) colour:

HIC^*_e

hue text for the colours

of this page:

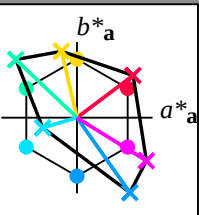
$H^*_e R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	48.4	66.1	40.2	77.3
R25Y_100_100_e	56.8	48.0	50.5	69.6
R50Y_100_100_e	68.6	25.0	63.9	68.6
R75Y_100_100_e	80.6	4.8	77.2	77.3
Y00G_100_100_e	90.2	-9.6	88.2	88.7
Y25G_100_100_e	83.2	-18.4	79.9	81.9
Y50G_100_100_e	73.3	-31.7	62.7	70.2
Y75G_100_100_e	62.0	-49.7	43.2	65.8
G00B_100_100_e	55.8	-65.2	33.8	73.4
G25B_100_100_e	59.3	-50.3	-9.0	51.0
G50B_100_100_e	63.0	-30.5	-42.0	51.9
G75B_100_100_e	45.7	-5.7	-44.6	44.9
B00R_100_100_e	27.5	25.9	-47.3	53.9
B25R_100_100_e	38.3	52.6	-28.5	59.8
B50R_100_100_e	49.5	73.5	-9.0	74.0
B75R_100_100_e	48.9	69.3	12.9	70.4

TLS11a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_e, Ma	51.6	74.2	55.8	92.8
Y_e, Ma	92.7	-20.3	87.7	90.0
G_e, Ma	83.8	-80.8	76.8	111.5
C_e, Ma	87.0	-45.2	-13.3	47.2
B_e, Ma	33.0	70.0	-99.0	121.3
M_e, Ma	58.1	91.8	-57.0	108.0
N_e, Ma	10.9	0.0	0.0	0.0
W_e, Ma	95.4	0.0	0.0	0.0
R_e, CIE	39.9	58.7	27.9	65.0
Y_e, CIE	81.2	-2.8	71.5	71.6
G_e, CIE	52.2	-42.4	13.6	44.5
B_e, CIE	30.5	1.4	-46.4	46.4



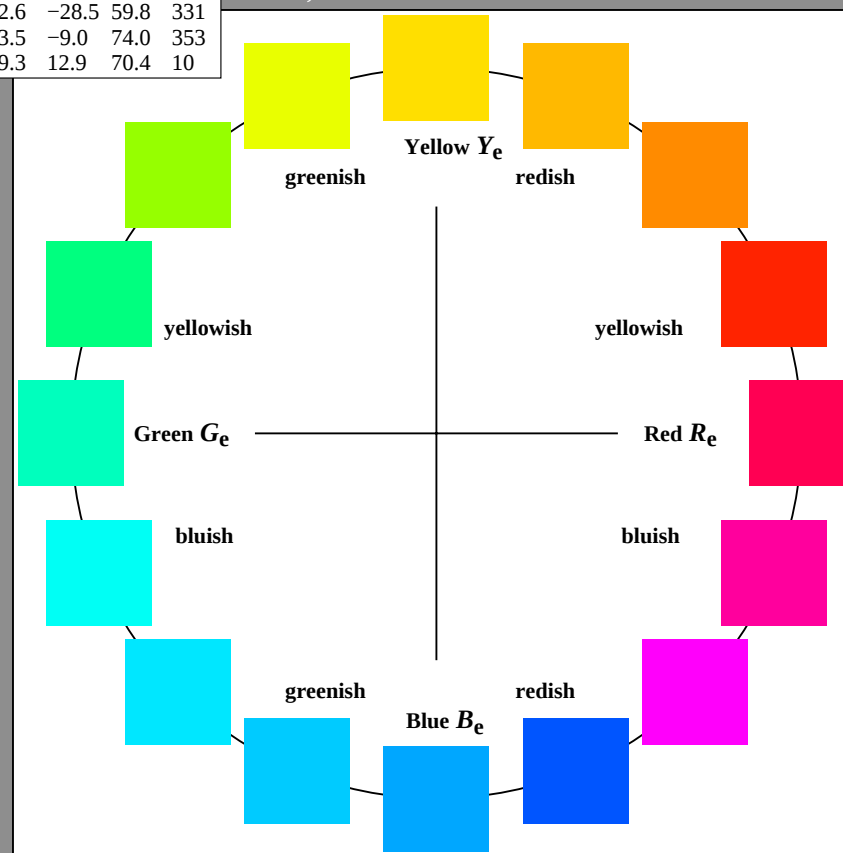
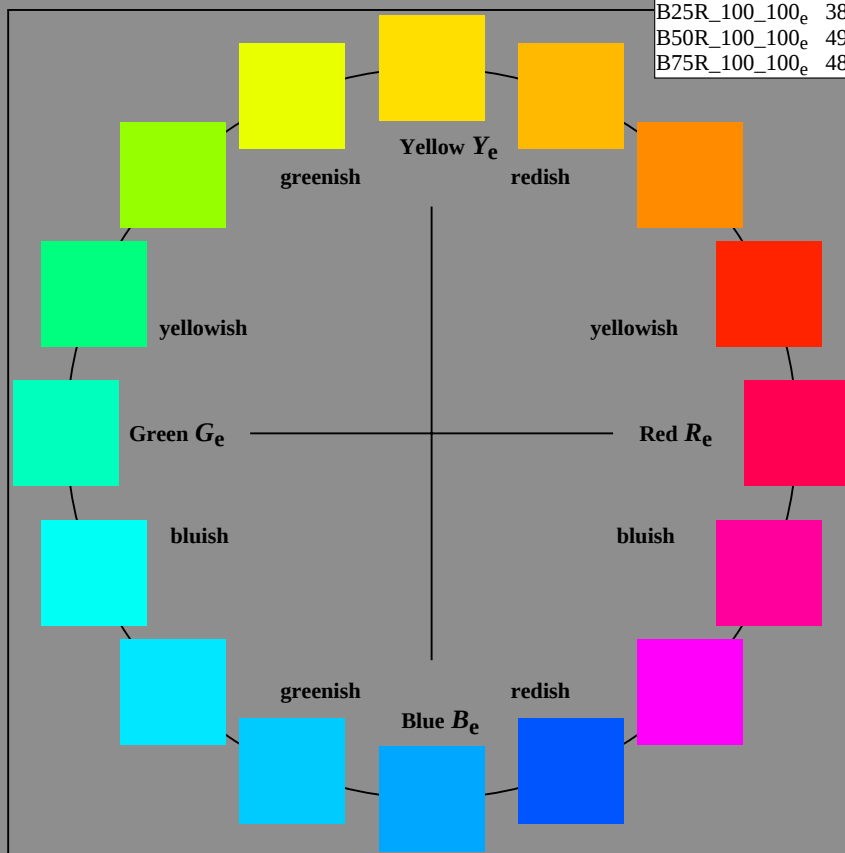
%Gamut

$u^*_{rel} = 134$

%Regularity

$g^*H_{rel} = 21$

$g^*C_{rel} = 38$



1-110000-L0 cmyn6*

AE660-70

Test chart AE66 similar to test chart 1 of CIE R8-09
16 step elementary hue circle; Test chart according to DIN 33872-5

input: $rgb/cmy0/000n/w$ set...
output: $\rightarrow rgb_{de}$ set $rgbcolor$

Input and Output: Television Luminous System TLS18a

Data for any device (d) or
elementary (e) colour:

HIC^*_e

hue text for the colours

of this page:

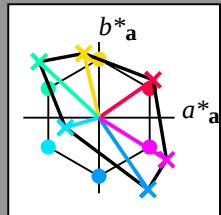
$H^*_e R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	48.4	66.1	40.2	77.3
R25Y_100_100_e	56.8	48.0	50.5	69.6
R50Y_100_100_e	68.6	25.0	63.9	68.6
R75Y_100_100_e	80.6	4.8	77.2	77.3
Y00G_100_100_e	90.2	-9.6	88.2	88.7
Y25G_100_100_e	83.2	-18.4	79.9	81.9
Y50G_100_100_e	73.3	-31.7	62.7	70.2
Y75G_100_100_e	62.0	-49.7	43.2	65.8
G00B_100_100_e	55.8	-65.2	33.8	73.4
G25B_100_100_e	59.3	-50.3	-9.0	51.0
G50B_100_100_e	63.0	-30.5	-42.0	51.9
G75B_100_100_e	45.7	-5.7	-44.6	44.9
B00R_100_100_e	27.5	25.9	-47.3	53.9
B25R_100_100_e	38.3	52.6	-28.5	59.8
B50R_100_100_e	49.5	73.5	-9.0	74.0
B75R_100_100_e	48.9	69.3	12.9	70.4

TLS18a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_e, Ma	52.7	71.6	49.8	87.2
Y_e, Ma	92.7	-20.0	84.9	87.2
G_e, Ma	84.0	-78.9	73.9	108.1
C_e, Ma	87.1	-44.4	-13.1	46.3
B_e, Ma	35.4	64.9	-95.0	115.1
M_e, Ma	59.0	89.3	-55.6	105.2
N_e, Ma	18.0	0.0	0.0	0.0
W_e, Ma	95.4	0.0	0.0	0.0
R_e, CIE	39.9	58.7	27.9	65.0
Y_e, CIE	81.2	-2.8	71.5	71.6
G_e, CIE	52.2	-42.4	13.6	44.5
B_e, CIE	30.5	1.4	-46.4	46.4



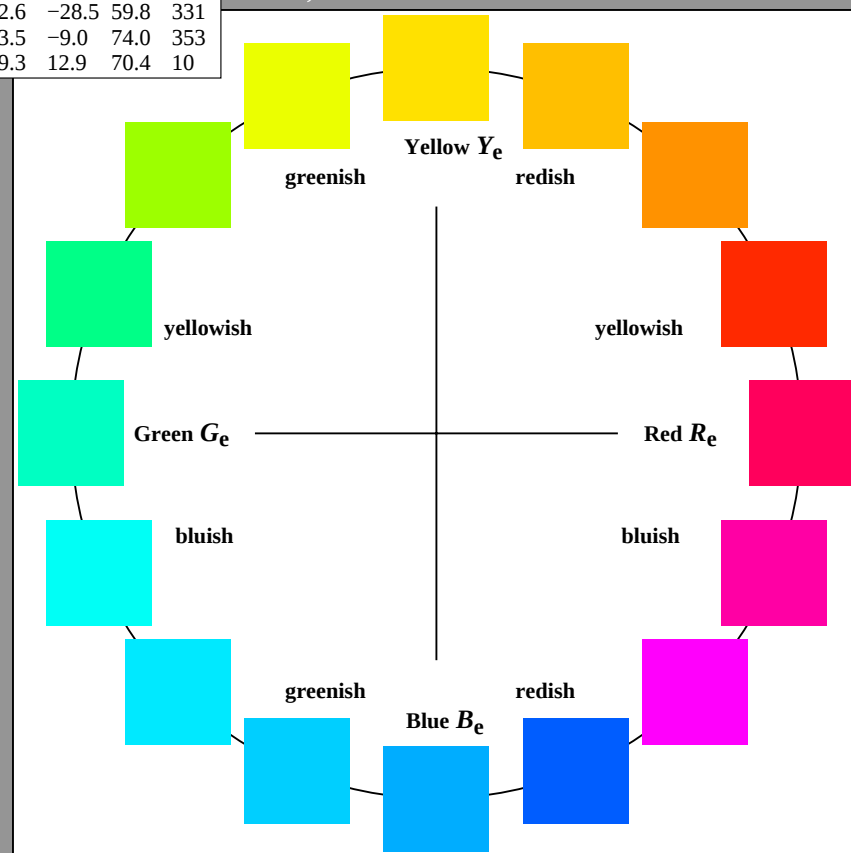
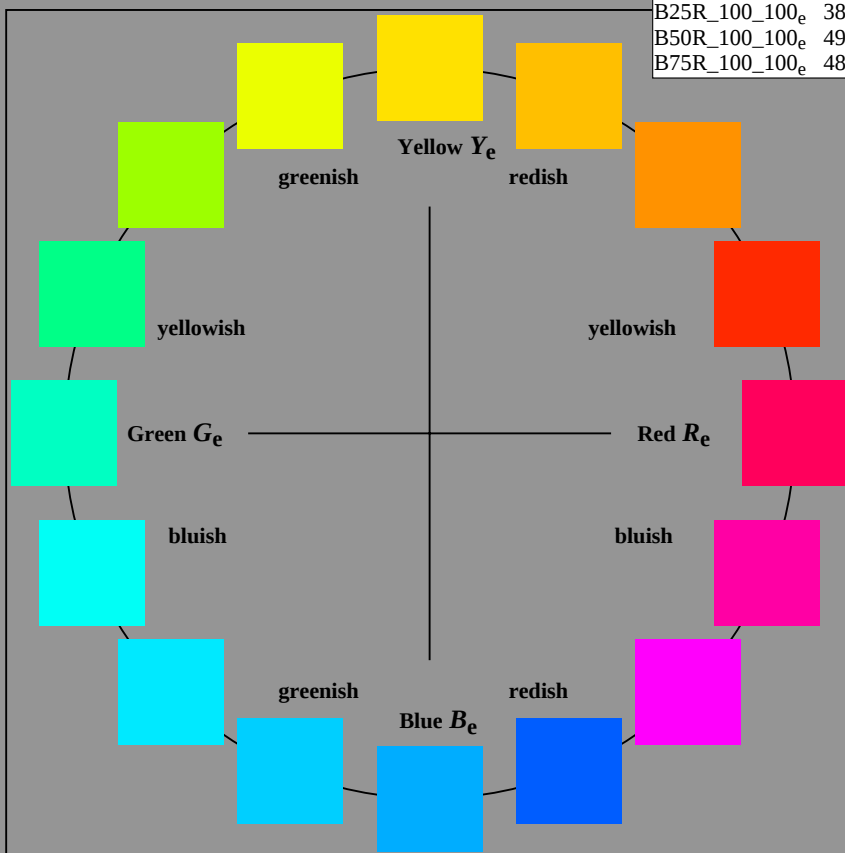
%Gamut

$u^*_{rel} = 118$

%Regularity

$g^*H_{rel} = 22$

$g^*C_{rel} = 40$



1-110000-L0 cmyn6*

AE660-70

Test chart AE66 similar to test chart 1 of CIE R8-09
16 step elementary hue circle; Test chart according to DIN 33872-5

input: $rgb/cmy0/000n/w$ set...
output: $\rightarrow rgb_{de}$ setrgbcolor

Input and Output: Television Luminous System TLS27a

Data for any device (d) or
elementary (e) colour:

HIC^*_e

hue text for the colours

of this page:

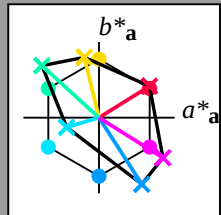
$H^*_e R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	48.4	66.1	40.2	77.3
R25Y_100_100_e	56.8	48.0	50.5	69.6
R50Y_100_100_e	68.6	25.0	63.9	68.6
R75Y_100_100_e	80.6	4.8	77.2	77.3
Y00G_100_100_e	90.2	-9.6	88.2	88.7
Y25G_100_100_e	83.2	-18.4	79.9	81.9
Y50G_100_100_e	73.3	-31.7	62.7	70.2
Y75G_100_100_e	62.0	-49.7	43.2	65.8
G00B_100_100_e	55.8	-65.2	33.8	73.4
G25B_100_100_e	59.3	-50.3	-9.0	51.0
G50B_100_100_e	63.0	-30.5	-42.0	51.9
G75B_100_100_e	45.7	-5.7	-44.6	44.9
B00R_100_100_e	27.5	25.9	-47.3	53.9
B25R_100_100_e	38.3	52.6	-28.5	59.8
B50R_100_100_e	49.5	73.5	-9.0	74.0
B75R_100_100_e	48.9	69.3	12.9	70.4

TLS27a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R_e, Ma	54.8	66.8	41.6	78.7
Y_e, Ma	92.8	-19.3	79.8	82.1
G_e, Ma	84.3	-75.3	68.7	102.0
C_e, Ma	87.4	-42.7	-12.7	44.5
B_e, Ma	39.7	56.6	-88.0	104.6
M_e, Ma	60.6	84.6	-53.0	99.8
N_e, Ma	26.8	0.0	0.0	0.0
W_e, Ma	95.4	0.0	0.0	0.0
R_e, CIE	39.9	58.7	27.9	65.0
Y_e, CIE	81.2	-2.8	71.5	71.6
G_e, CIE	52.2	-42.4	13.6	44.5
B_e, CIE	30.5	1.4	-46.4	46.4



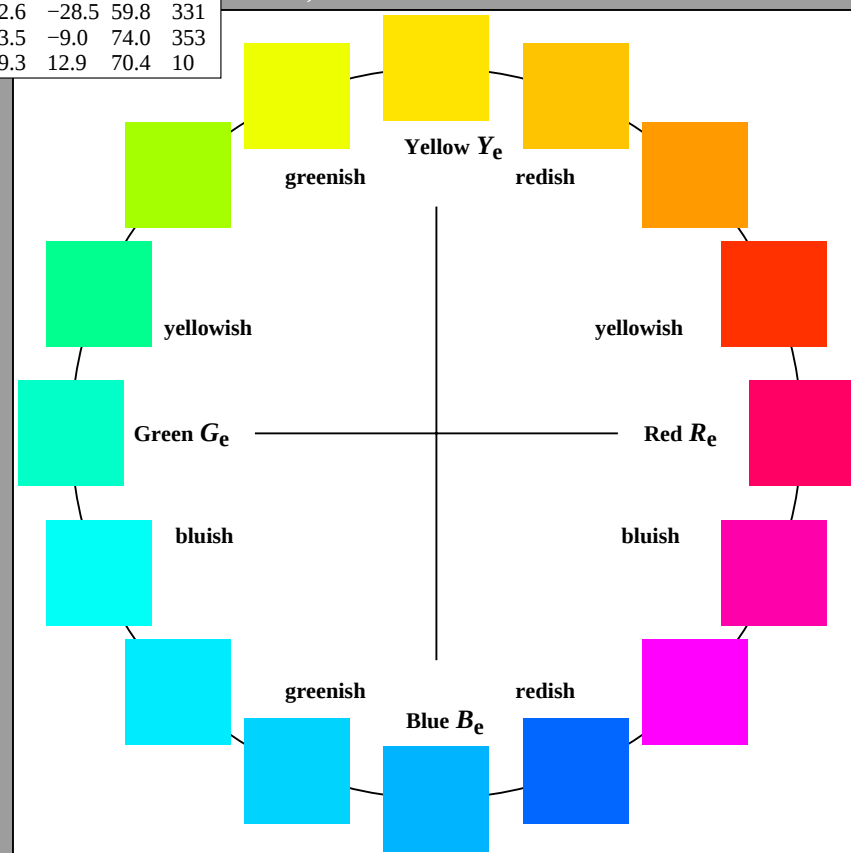
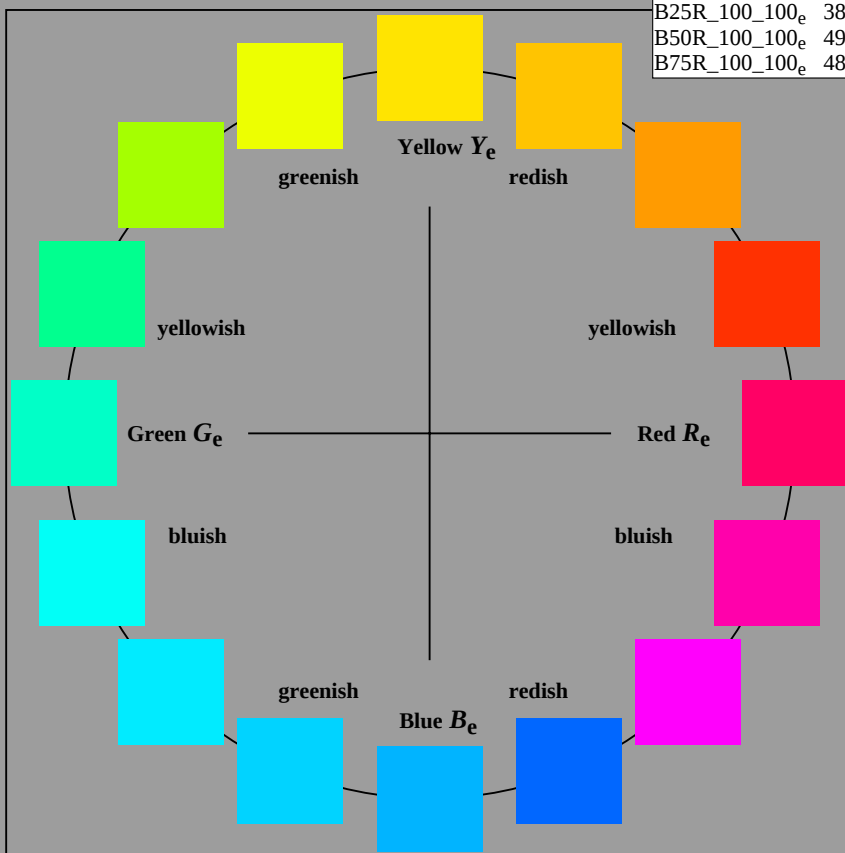
%Gamut

$u^*_{rel} = 97$

%Regularity

$g^*H_{rel} = 23$

$g^*C_{rel} = 42$



1-110000-L0 cmyn6*

AE660-70

Test chart AE66 similar to test chart 1 of CIE R8-09
16 step elementary hue circle; Test chart according to DIN 33872-5

input: $rgb/cmy0/000n/w$ set...
output: $\rightarrow rgb_{de}$ set $rgbcolor$

see similar files: <http://farbe.li.tu-berlin.de/AE66/AE66F0P0.PDF> / .PS; 3D-linearization, page 5/8
technical information: <http://farbe.li.tu-berlin.de/> or <http://farbe.li.tu-berlin.de/AE.HTM>

TUB Registration: 20190301-AE66/AE66L0FA.TXT /.PS
application for measurement or viewing of display and print output
TUB material: code=rha4ta

Input and Output: Television Luminous System TLS38a

Data for any device (d) or
elementary (e) colour:

HIC^*_e

hue text for the colours

of this page:

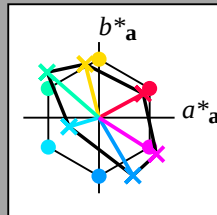
$H^*_e R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a} h^*_{ab,a}$
R00Y_100_100_e	48.4	66.1	40.2 77.3 31
R25Y_100_100_e	56.8	48.0	50.5 69.6 46
R50Y_100_100_e	68.6	25.0	63.9 68.6 68
R75Y_100_100_e	80.6	4.8	77.2 77.3 86
Y00G_100_100_e	90.2	-9.6	88.2 88.7 96
Y25G_100_100_e	83.2	-18.4	79.9 81.9 102
Y50G_100_100_e	73.3	-31.7	62.7 70.2 116
Y75G_100_100_e	62.0	-49.7	43.2 65.8 139
G00B_100_100_e	55.8	-65.2	33.8 73.4 152
G25B_100_100_e	59.3	-50.3	-9.0 51.0 190
G50B_100_100_e	63.0	-30.5	-42.0 51.9 234
G75B_100_100_e	45.7	-5.7	-44.6 44.9 262
B00R_100_100_e	27.5	25.9	-47.3 53.9 298
B25R_100_100_e	38.3	52.6	-28.5 59.8 331
B50R_100_100_e	49.5	73.5	-9.0 74.0 353
B75R_100_100_e	48.9	69.3	12.9 70.4 10

TLS38a; adapted (a) CIELAB data

name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a} h^*_{ab,a}$
R_e, Ma	58.7	58.4	31.7 66.5 28
Y_e, Ma	92.9	-18.1	70.8 73.0 104
G_e, Ma	85.1	-68.5	60.0 91.1 138
C_e, Ma	87.9	-39.4	-11.8 41.1 196
B_e, Ma	46.6	44.9	-76.5 88.7 300
M_e, Ma	63.7	75.9	-48.2 89.9 327
N_e, Ma	37.9	0.0	0.0 0.0 0
W_e, Ma	95.4	0.0	0.0 0.0 0
R_e, CIE	39.9	58.7	27.9 65.0 25
Y_e, CIE	81.2	-2.8	71.5 71.6 92
G_e, CIE	52.2	-42.4	13.6 44.5 162
B_e, CIE	30.5	1.4	-46.4 46.4 271



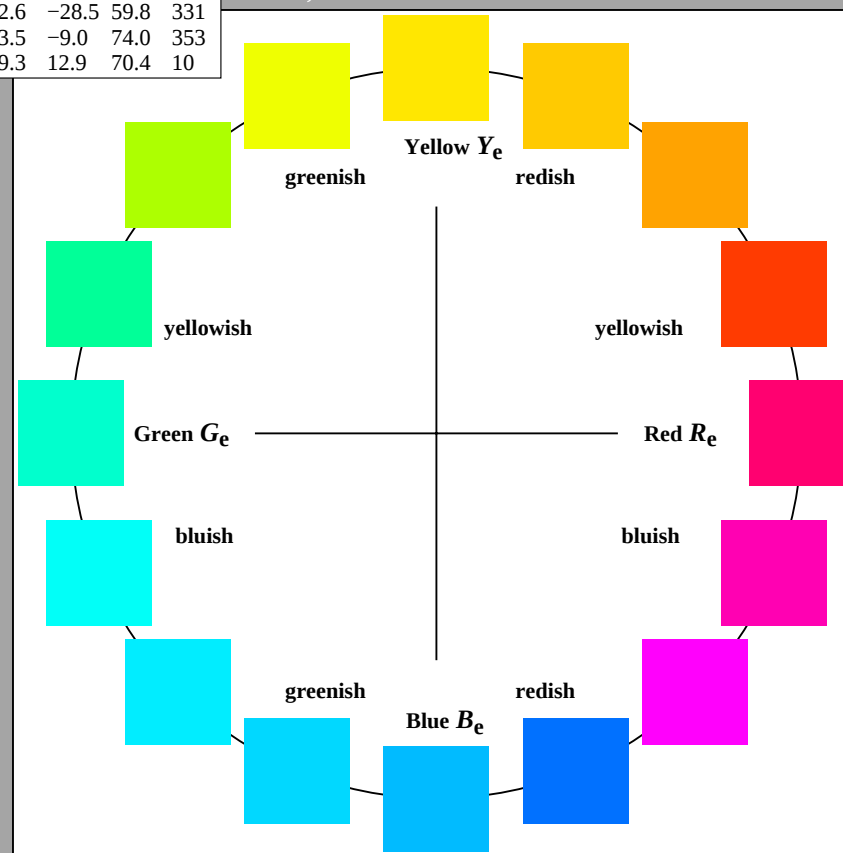
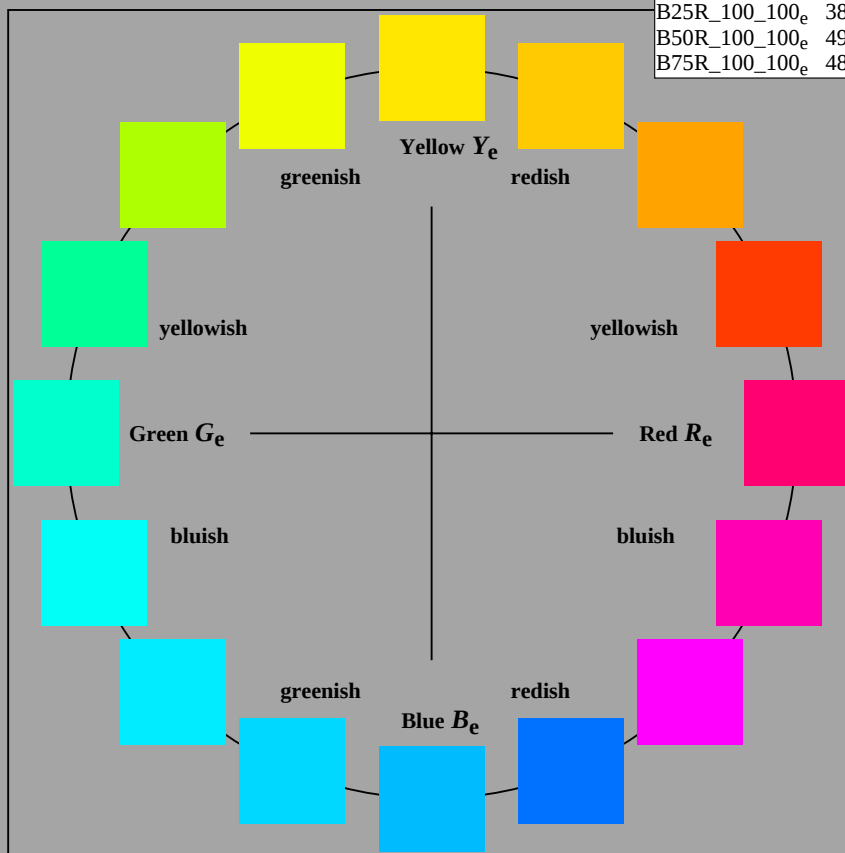
%Gamut

$u^*_{rel} = 71$

%Regularity

$g^*H_{rel} = 26$

$g^*C_{rel} = 45$



1-110000-L0 cmyn6*

AE660-70

Test chart AE66 similar to test chart 1 of CIE R8-09
16 step elementary hue circle; Test chart according to DIN 33872-5

input: $rgb/cmy0/000n/w$ set...
output: $\rightarrow rgb_{de}$ setrgbcolor

Input and Output: Television Luminous System TLS52a

Data for any device (d) or
elementary (e) colour:

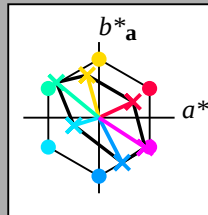
HIC^*_e

hue text for the colours

of this page:

$H^*_eR00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; adapted (a) CIELAB data					
H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	48.4	66.1	40.2	77.3	31
R25Y_100_100_e	56.8	48.0	50.5	69.6	46
R50Y_100_100_e	68.6	25.0	63.9	68.6	68
R75Y_100_100_e	80.6	4.8	77.2	77.3	86
Y00G_100_100_e	90.2	-9.6	88.2	88.7	96
Y25G_100_100_e	83.2	-18.4	79.9	81.9	102
Y50G_100_100_e	73.3	-31.7	62.7	70.2	116
Y75G_100_100_e	62.0	-49.7	43.2	65.8	139
G00B_100_100_e	55.8	-65.2	33.8	73.4	152
G25B_100_100_e	59.3	-50.3	-9.0	51.0	190
G50B_100_100_e	63.0	-30.5	-42.0	51.9	234
G75B_100_100_e	45.7	-5.7	-44.6	44.9	262
B00R_100_100_e	27.5	25.9	-47.3	53.9	298
B25R_100_100_e	38.3	52.6	-28.5	59.8	331
B50R_100_100_e	49.5	73.5	-9.0	74.0	353
B75R_100_100_e	48.9	69.3	12.9	70.4	10



%Gamut

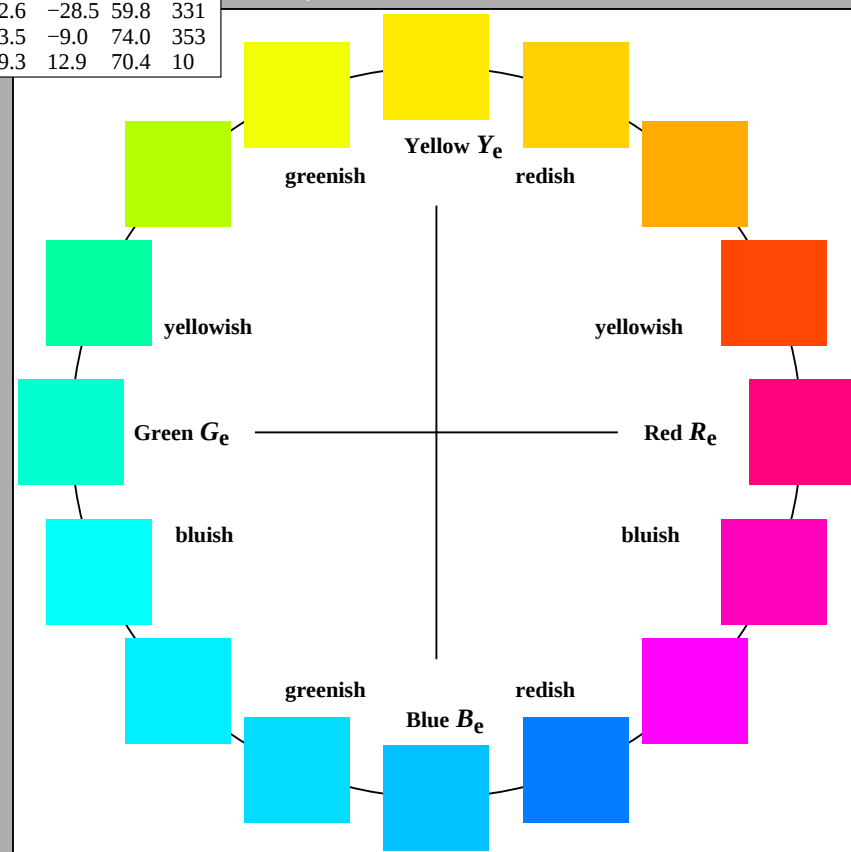
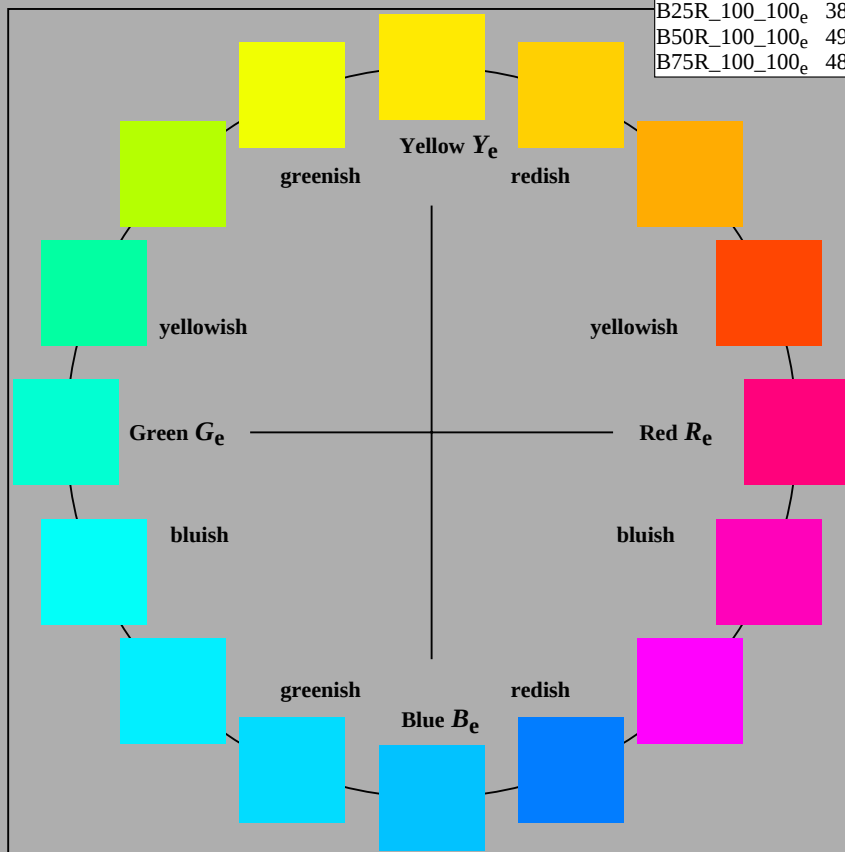
$u^*_{rel} = 42$

%Regularity

$g^*H_{rel} = 29$

$g^*C_{rel} = 47$

TLS52a; adapted (a) CIELAB data					
name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	65.5	45.0	20.9	49.7	24
Ye,Ma	93.3	-15.6	56.2	58.3	105
Ge,Ma	86.5	-56.3	46.5	73.0	140
Ce,Ma	88.9	-33.1	-10.2	34.7	197
Be,Ma	57.1	30.6	-59.4	66.8	297
Me,Ma	69.2	60.9	-39.5	72.6	327
Ne,Ma	52.0	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271



1-110000-L0 cmyn6*

AE660-70

Test chart AE66 similar to test chart 1 of CIE R8-09
16 step elementary hue circle; Test chart according to DIN 33872-5

input: $rgb/cmy0/000n/w$ set...
output: $\rightarrow rgb_{de}$ setrgbcolor

Input and Output: Television Luminous System TLS70a

Data for any device (d) or
elementary (e) colour:

HIC^*_e

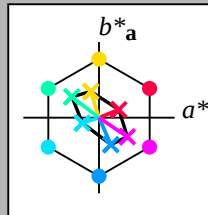
hue text for the colours

of this page:

$H^*_e R00Y_e, R25Y_e, \dots, B75R_e$

ORS20a; adapted (a) CIELAB data

H^*_e	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_e	48.4	66.1	40.2	77.3	31
R25Y_100_100_e	56.8	48.0	50.5	69.6	46
R50Y_100_100_e	68.6	25.0	63.9	68.6	68
R75Y_100_100_e	80.6	4.8	77.2	77.3	86
Y00G_100_100_e	90.2	-9.6	88.2	88.7	96
Y25G_100_100_e	83.2	-18.4	79.9	81.9	102
Y50G_100_100_e	73.3	-31.7	62.7	70.2	116
Y75G_100_100_e	62.0	-49.7	43.2	65.8	139
G00B_100_100_e	55.8	-65.2	33.8	73.4	152
G25B_100_100_e	59.3	-50.3	-9.0	51.0	190
G50B_100_100_e	63.0	-30.5	-42.0	51.9	234
G75B_100_100_e	45.7	-5.7	-44.6	44.9	262
B00R_100_100_e	27.5	25.9	-47.3	53.9	298
B25R_100_100_e	38.3	52.6	-28.5	59.8	331
B50R_100_100_e	49.5	73.5	-9.0	74.0	353
B75R_100_100_e	48.9	69.3	12.9	70.4	10



%Gamut

$u^*_{rel} = 15$

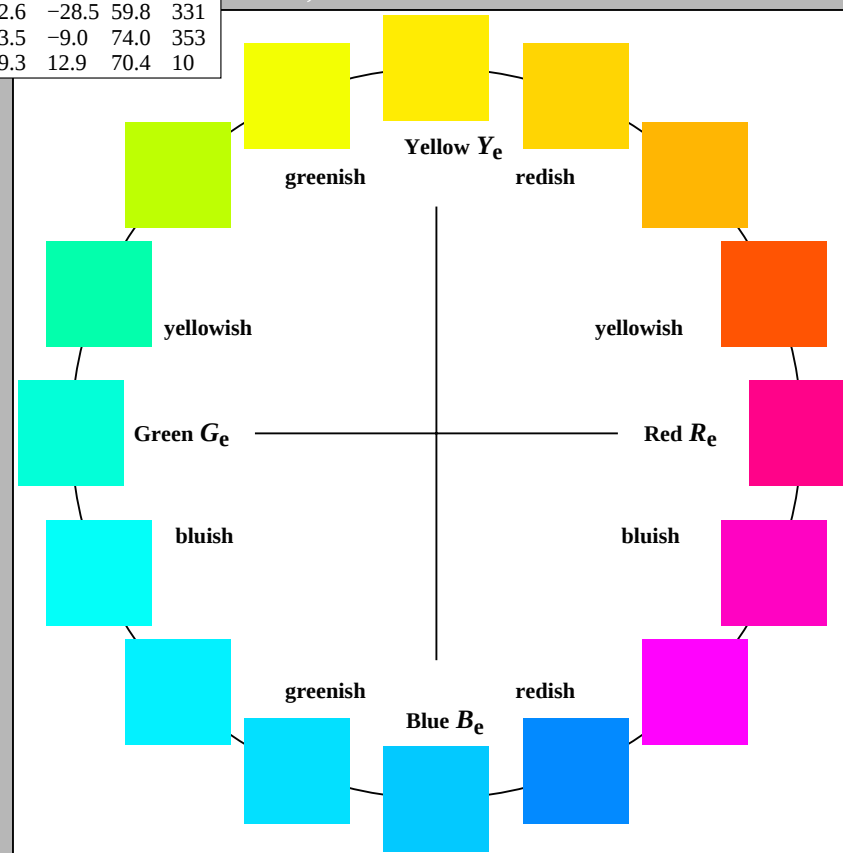
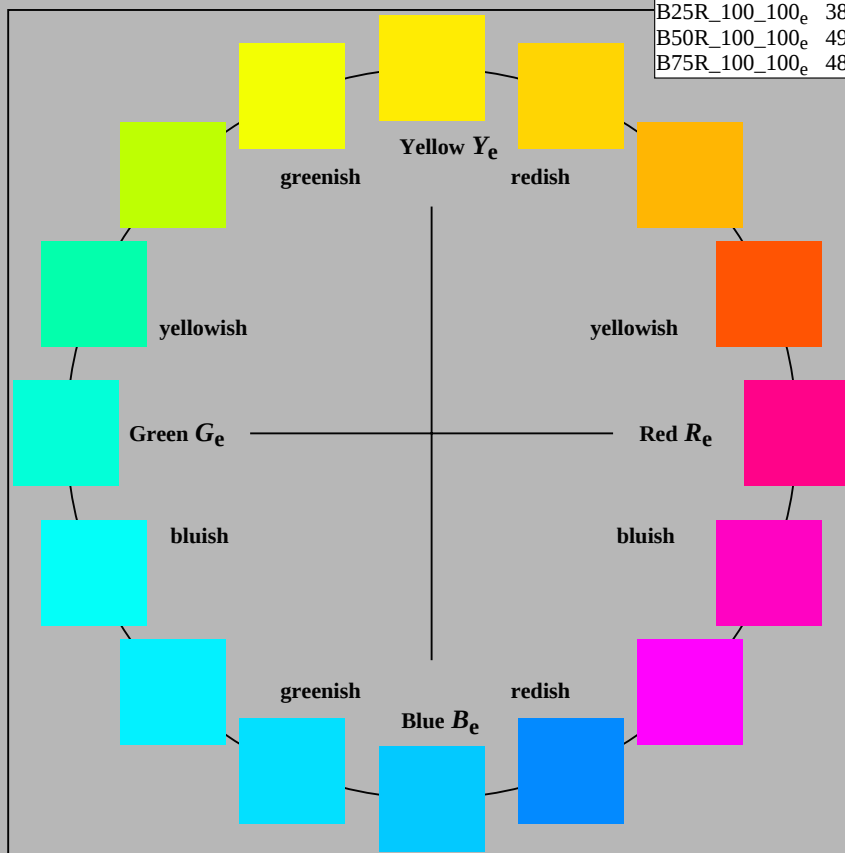
%Regularity

$g^*H_{rel} = 33$

$g^*C_{rel} = 51$

TLS70a; adapted (a) CIELAB data

name	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Re,Ma	76.4	26.2	10.5	28.3	21
Ye,Ma	93.9	-10.7	34.6	36.2	107
Ge,Ma	89.3	-35.8	27.6	45.2	142
Ce,Ma	90.9	-21.9	-7.0	23.0	197
Be,Ma	72.1	15.7	-35.6	38.9	293
Me,Ma	78.5	37.5	-25.2	45.2	326
Ne,Ma	69.7	0.0	0.0	0.0	0
We,Ma	95.4	0.0	0.0	0.0	0
Re,CIE	39.9	58.7	27.9	65.0	25
Ye,CIE	81.2	-2.8	71.5	71.6	92
Ge,CIE	52.2	-42.4	13.6	44.5	162
Be,CIE	30.5	1.4	-46.4	46.4	271



1-110000-L0 cmyn6*

AE660-70

Test chart AE66 similar to test chart 1 of CIE R8-09
16 step elementary hue circle; Test chart according to DIN 33872-5

input: $rgb/cmy0/000n/w$ set...
output: $->rgb_{de}$ set $rgbcolor$