

Input and Output: Television Luminous System TLS00a

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

 HIC^*_d

hue code for the colours

of this page:

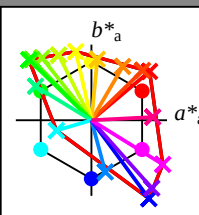
 $H^*_d = R00Y_d, R25Y_d, \dots, B75R_d$

TLS00a; adapted (a) CIELAB data

H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	50.4	76.9	64.5	100.4
R25Y_100_100_d	53.7	67.6	65.8	94.4
R50Y_100_100_d	63.6	41.3	71.0	82.2
R75Y_100_100_d	78.2	7.8	80.6	81.0
Y00G_100_100_d	92.6	-20.7	90.7	93.0
Y25G_100_100_d	88.7	-43.3	86.2	96.5
Y50G_100_100_d	85.7	-65.2	82.4	105.1
Y75G_100_100_d	84.0	-78.7	80.4	112.5
G00B_100_100_d	83.6	-82.7	79.8	115.0
G25B_100_100_d	84.3	-73.7	44.9	86.4
G50B_100_100_d	86.8	-46.1	-13.5	48.1
G75B_100_100_d	51.7	18.3	-68.3	70.7
B00R_100_100_d	30.3	76.0	-103.5	128.5
B25R_100_100_d	38.5	79.8	-89.7	120.0
B50R_100_100_d	57.2	94.3	-58.4	110.9
B75R_100_100_d	52.0	81.1	4.1	81.2

TLS00a; adapted (a) CIELAB data

Name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	50.4	76.9	64.5	100.4
Y _{d, Ma}	92.6	-20.7	90.7	93.0
G _{d, Ma}	83.6	-82.7	79.8	115.0
C _{d, Ma}	86.8	-46.1	-13.5	48.1
B _{d, Ma}	30.3	76.0	-103.5	128.5
M _{d, Ma}	57.2	94.3	-58.4	110.9
N _{d, Ma}	0.0	0.0	0.0	0
W _{d, Ma}	95.4	0.0	0.0	0
R _{d, CIE}	39.9	58.7	27.9	65.0
Y _{d, CIE}	81.2	-2.8	71.5	71.6
G _{d, CIE}	52.2	-42.4	13.6	44.5
B _{d, CIE}	30.5	1.4	-46.4	46.4



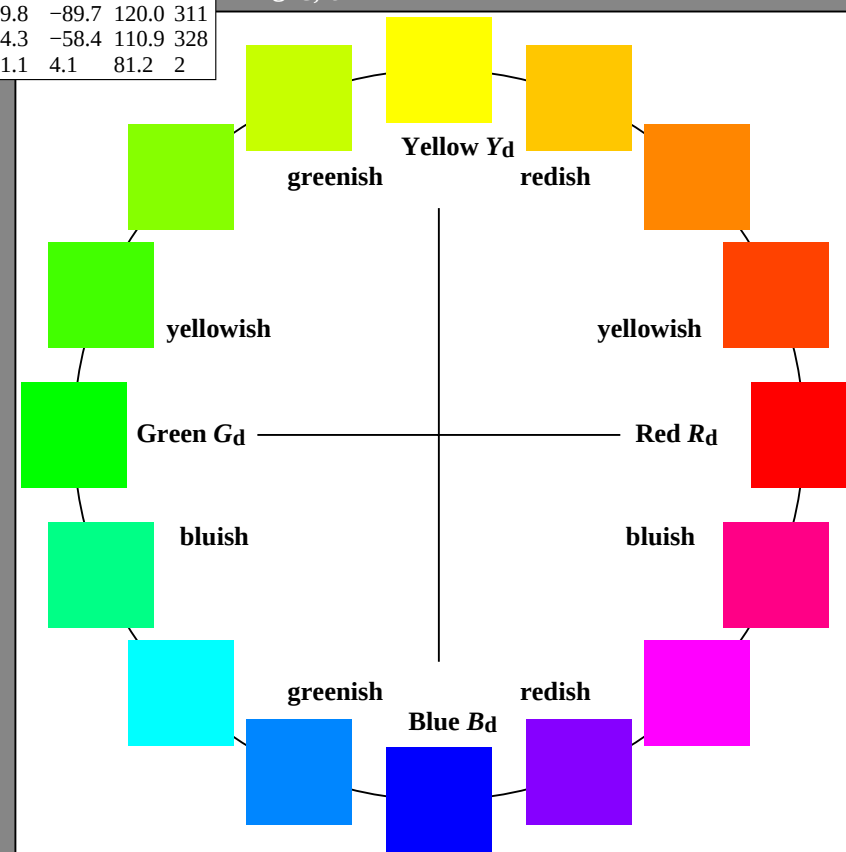
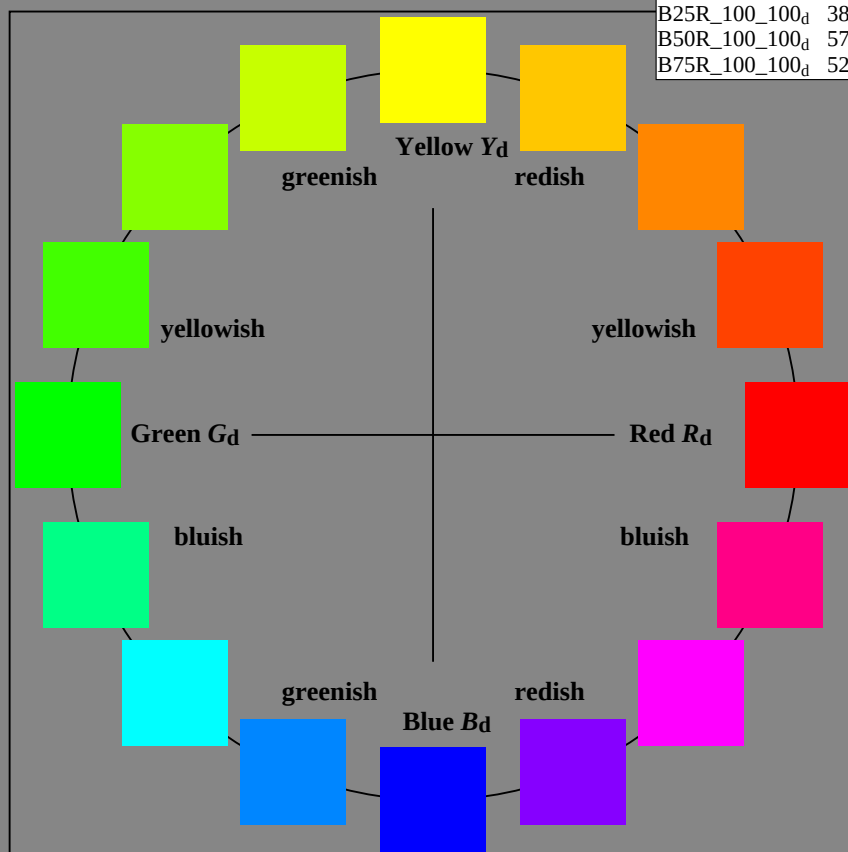
%Gamut

 $u^*_{rel} = 158$

%Regularity

 $g^*_{H,rel} = 19$ $g^*_{C,rel} = 37$ TUB registration: 20130201-SE00/SE00L0NP.PDF /PS
application for measurement of display output, no separation

TUB material: code=rh4ta



1-003130-L0

SE000-70

TUB-test chart SE00; 16 step hue circle

Test chart according to DIN 33872, 3D=0, de=0, sRGB

input: *rgb/cmyk* → *rgb_d*output: transfer to *rgb_d*

1-003130-F0