

Input and Output: Offset Reflective System ORS18a

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

$$HIC^*_d$$

hue text for the colours of this page:

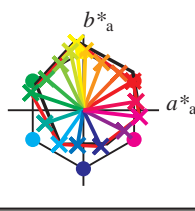
$$H^*_d = R00Y_d, R25Y_d, \dots, B75R_d$$

ORS20a; adapted (a) CIELAB data

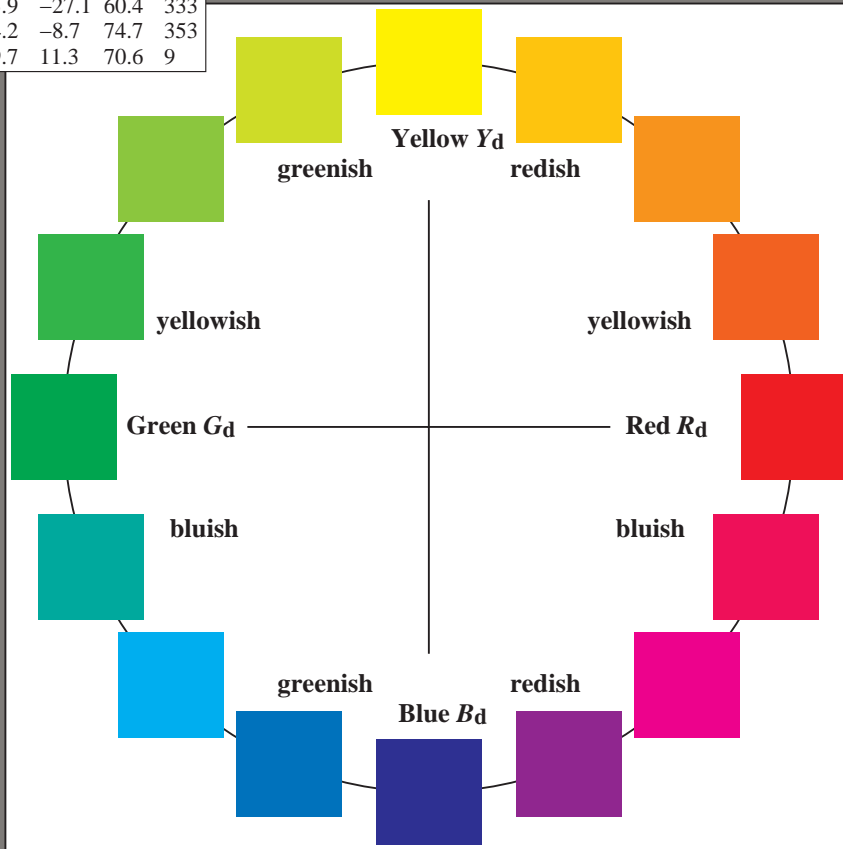
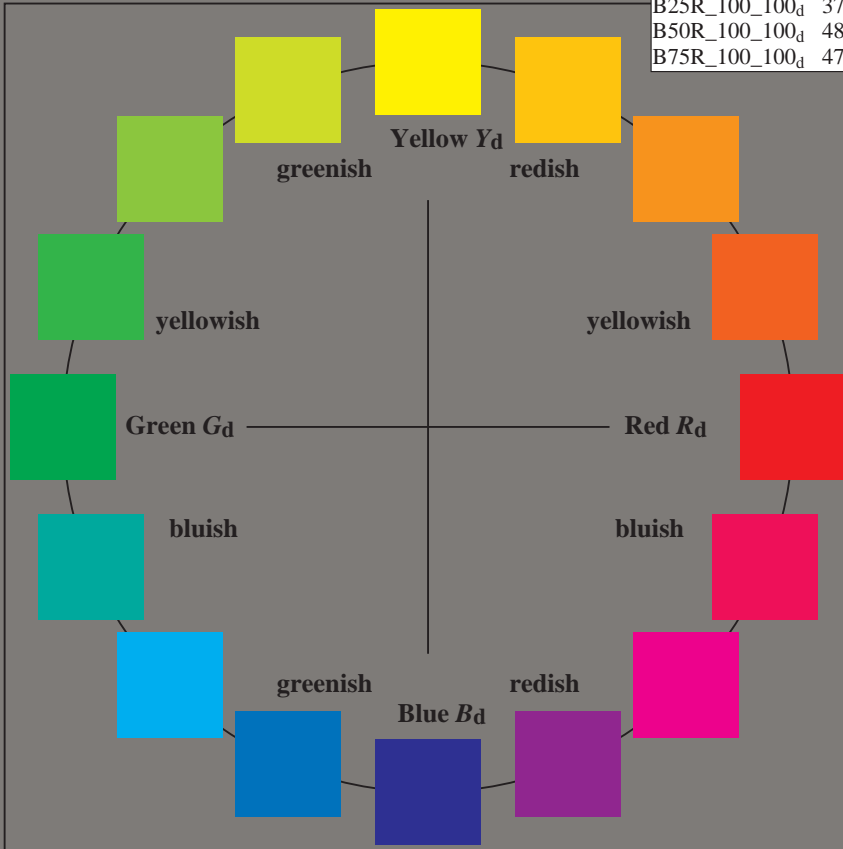
H^*_d	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R00Y_100_100_d	47.5	65.5	38.4	76.0
R25Y_100_100_d	55.9	47.3	48.7	67.9
R50Y_100_100_d	68.1	24.0	63.0	67.4
R75Y_100_100_d	81.2	2.5	78.8	78.9
Y00G_100_100_d	89.4	-9.5	89.0	89.6
Y25G_100_100_d	84.1	-17.3	77.9	79.8
Y50G_100_100_d	73.1	-30.2	60.8	67.9
Y75G_100_100_d	60.3	-48.7	41.3	63.9
G00B_100_100_d	51.6	-69.3	23.0	73.1
G25B_100_100_d	54.6	-50.8	-17.3	53.7
G50B_100_100_d	57.8	-31.9	-45.1	55.3
G75B_100_100_d	42.3	-7.7	-46.3	46.9
B00R_100_100_d	24.9	22.9	-47.8	53.0
B25R_100_100_d	37.0	53.9	-27.1	60.4
B50R_100_100_d	48.2	74.2	-8.7	74.7
B75R_100_100_d	47.8	69.7	11.3	70.6

ORS20a; adapted (a) CIELAB data

Name	$L^*=L^*_a a^*_a$	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R _{d, Ma}	47.5	65.5	38.4	76.0
Y _{d, Ma}	89.4	-9.5	89.0	89.6
G _{d, Ma}	51.6	-69.3	23.0	73.1
C _{d, Ma}	57.8	-31.9	-45.1	55.3
B _{d, Ma}	24.9	22.9	-47.8	53.0
M _{d, Ma}	48.2	74.2	-8.7	74.7
N _{d, Ma}	18.5	0.0	0.0	0.0
W _{d, Ma}	96.3	0.0	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

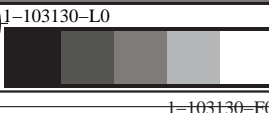


%Gamut
 $u^*_{rel} = 92$
%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 58$



see similar files: <http://130.149.60.45/~farbmetrik/SE03/SE03.HTM>
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20130201-SE03/SE03L0FP.PDF /PS
application for measurement of offset print output, separationcmyk6* (CMYK)
TUB material: code=rh4d4a



I-103130-L0 SE030-72
TUB-test chart SE03; 16 hues, offset standard paper APCO
Test chart according to DIN 33872, 3D=1, de=0, cmyk*

input: $rgb/cmyk \rightarrow rgb_{dd}$
output: 3D-linearization to $cmyk^*_{dd}$

