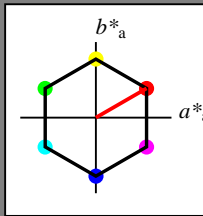


Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 30/360 = 0.083$
 lab^*ch and lab^*nch

D65: hue 0
LCH*Ma: 57 77 30
olv*Ma: 1.0 0.0 0.0
triangle lightness t^*



SRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	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

%Gamut

$u^*_{rel} = 100$

relative Inform. Technology (IT)

	$olvi^*_s$	1.0	1.0	1.0	(1.0)
$cmyns^*$	0.0	0.0	0.0	0.0	0.0
$olvi^*_s$	1.0 <td>1.0<td>1.0<td>1.0<td>1.0</td></td></td></td>	1.0 <td>1.0<td>1.0<td>1.0</td></td></td>	1.0 <td>1.0<td>1.0</td></td>	1.0 <td>1.0</td>	1.0
$olvi^*_s$	0.0	0.0	0.0	0.0	0.0
$cmyns^*$	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

	LAB^*LAB	95.41	0.0	0.0
LAB^*LAB	95.41 <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0
LAB^*TCh	99.99	0.01	-	-

relative CIELAB lab*

	lab^*lab	1.0	0.0	0.0
lab^*lab	1.0 <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0
lab^*nch	0.0 <td>0.0</td> <td>1.0</td> <td>0.0</td>	0.0	1.0	0.0
lab^*nch	0.0 <td>0.0</td> <td>1.0</td> <td>0.0</td>	0.0	1.0	0.0

relative Natural Colour (NC)

	lab^*nch	1.0	0.0	0.0
lab^*nch	1.0 <td>0.0</td> <td>1.0</td> <td>0.0</td>	0.0	1.0	0.0
lab^*nch	0.0 <td>0.0</td> <td>1.0</td> <td>0.0</td>	0.0	1.0	0.0
lab^*nch	0.0 <td>0.0</td> <td>1.0</td> <td>0.0</td>	0.0	1.0	0.0

relative Inform. Technology (IT)

	$olvi^*_s$	0.75	0.75	0.75	(1.0)
$cmyns^*$	0.0	0.25	0.25	0.25	0.0
$olvi^*_s$	1.0 <td>1.0<td>1.0<td>1.0<td>1.0</td></td></td></td>	1.0 <td>1.0<td>1.0<td>1.0</td></td></td>	1.0 <td>1.0<td>1.0</td></td>	1.0 <td>1.0</td>	1.0
$olvi^*_s$	0.0	0.0	0.0	0.0	0.0
$cmyns^*$	0.0	0.0	0.0	0.0	0.25

standard and adapted CIELAB

	LAB^*LAB	76.07	0.0	0.0
LAB^*LAB	76.07 <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0
LAB^*TCh	75.0	0.01	-	-

relative CIELAB lab*

	lab^*lab	0.75	0.5	0.5	(1.0)
lab^*lab	0.75	0.5	0.5	0.5	0.0
lab^*nch	0.0	0.5	0.5	0.5	0.0
lab^*nch	0.0	0.5	0.5	0.5	0.0

relative Natural Colour (NC)

	lab^*nch	0.75	0.5	0.5	(1.0)
lab^*nch	0.75	0.5	0.5	0.5	0.0
lab^*nch	0.0	0.5	0.5	0.5	0.0
lab^*nch	0.0	0.5	0.5	0.5	0.0

relative Inform. Technology (IT)

	$olvi^*_s$	0.75	0.5	0.5	(1.0)
$cmyns^*$	0.0	0.25	0.25	0.25	0.0
$olvi^*_s$	1.0 <td>1.0<td>1.0<td>1.0<td>1.0</td></td></td></td>	1.0 <td>1.0<td>1.0<td>1.0</td></td></td>	1.0 <td>1.0<td>1.0</td></td>	1.0 <td>1.0</td>	1.0
$olvi^*_s$	0.0	0.0	0.0	0.0	0.0
$cmyns^*$	0.0	0.0	0.0	0.0	0.25

standard and adapted CIELAB

	LAB^*LAB	66.39	16.76	9.68
LAB^*LAB	66.39	16.76	9.68	0.0
LAB^*TCh	62.5	19.34	30.0	-

relative CIELAB lab*

	lab^*lab	0.75	0.433	0.25	(1.0)
lab^*lab	0.75	0.433 <td>0.25<td>0.25<td>0.0</td></td></td>	0.25 <td>0.25<td>0.0</td></td>	0.25 <td>0.0</td>	0.0
lab^*nch	0.0	0.433 <td>0.25<td>0.25<td>0.0</td></td></td>	0.25 <td>0.25<td>0.0</td></td>	0.25 <td>0.0</td>	0.0
lab^*nch	0.0	0.433 <td>0.25<td>0.25<td>0.0</td></td></td>	0.25 <td>0.25<td>0.0</td></td>	0.25 <td>0.0</td>	0.0

relative Natural Colour (NC)

	lab^*nch	0.75	0.433	0.25	(1.0)
lab^*nch	0.75 <td>0.433<td>0.25<td>0.25<td>0.0</td></td></td></td>	0.433 <td>0.25<td>0.25<td>0.0</td></td></td>	0.25 <td>0.25<td>0.0</td></td>	0.25 <td>0.0</td>	0.0
lab^*nch	0.0	0.433 <td>0.25<td>0.25<td>0.0</td></td></td>	0.25 <td>0.25<td>0.0</td></td>	0.25 <td>0.0</td>	0.0
lab^*nch	0.0	0.433 <td>0.25<td>0.25<td>0.0</td></td></td>	0.25 <td>0.25<td>0.0</td></td>	0.25 <td>0.0</td>	0.0

relative Inform. Technology (IT)

	$olvi^*_s$	0.5	0.5	0.5	(1.0)
$cmyns^*$	0.0	0.5 <td>0.5<td>0.5</td><td>0.0</td></td>	0.5 <td>0.5</td> <td>0.0</td>	0.5	0.0
$olvi^*_s$	1.0 <td>1.0<td>1.0<td>1.0<td>1.0</td></td></td></td>	1.0 <td>1.0<td>1.0<td>1.0</td></td></td>	1.0 <td>1.0<td>1.0</td></td>	1.0 <td>1.0</td>	1.0
$olvi^*_s$	0.0	0.0	0.0	0.0	0.0
$cmyns^*$	0.0	0.0	0.0	0.0	0.5

standard and adapted CIELAB

	LAB^*LAB	56.72	0.0	0.0
LAB^*LAB	56.72 <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0
LAB^*TCh	50.0	0.01	-	-

relative CIELAB lab*

	lab^*lab	0.5	0.5	0.5	(1.0)
lab^*lab	0.5 <td>0.5<td>0.5<td>0.5</td><td>0.0</td></td></td>	0.5 <td>0.5<td>0.5</td><td>0.0</td></td>	0.5 <td>0.5</td> <td>0.0</td>	0.5	0.0
lab^*nch	0.0	0.5 <td>0.5<td>0.5</td><td>0.0</td></td>	0.5 <td>0.5</td> <td>0.0</td>	0.5	0.0
lab^*nch	0.0	0.5 <td>0.5<td>0.5</td><td>0.0</td></td>	0.5 <td>0.5</td> <td>0.0</td>	0.5	0.0

relative Natural Colour (NC)

	lab^*nch	0.5	0.5	0.5	(1.0)
lab^*nch	0.5 <td>0.5<td>0.5<td>0.5</td><td>0.0</td></td></td>	0.5 <td>0.5<td>0.5</td><td>0.0</td></td>	0.5 <td>0.5</td> <td>0.0</td>	0.5	0.0
lab^*nch	0.0	0.5 <td>0.5<td>0.5</td><td>0.0</td></td>	0.5 <td>0.5</td> <td>0.0</td>	0.5	0.0
lab^*nch	0.0	0.5 <td>0.5<td>0.5</td><td>0.0</td></td>	0.5 <td>0.5</td> <td>0.0</td>	0.5	0.0

relative Inform. Technology (IT)

	$olvi^*_s$	0.25	0.25	0.25	(1.0)
$cmyns^*$	0.0	0.25 <td>0.25<td>0.25</td><td>0.0</td></td>	0.25 <td>0.25</td> <td>0.0</td>	0.25	0.0
$olvi^*_s$	1.0 <td>1.0<td>1.0<td>1.0<td>1.0</td></td></td></td>	1.0 <td>1.0<td>1.0<td>1.0</td></td></td>	1.0 <td>1.0<td>1.0</td></td>	1.0 <td>1.0</td>	1.0
$olvi^*_s$	0.0	0.0	0.0	0.0	0.0
$cmyns^*$	0.0	0.0	0.0	0.0	0.25

standard and adapted CIELAB

	LAB^*LAB	47.04	16.76	9.68
LAB^*LAB	47.04	16.76	9.68	0.0
LAB^*TCh	37.5	19.34	30.0	-

relative CIELAB lab*

	lab^*lab	0.25	0.25	0.25	(1.0)
lab^*lab	0.25 <td>0.25<td>0.25<td>0.25</td><td>0.0</td></td></td>	0.25 <td>0.25<td>0.25</td><td>0.0</td></td>	0.25 <td>0.25</td> <td>0.0</td>	0.25	0.0
lab^*nch	0.0	0.25 <td>0.25<td>0.25</td><td>0.0</td></td>	0.25 <td>0.25</td> <td>0.0</td>	0.25	0.0
lab^*nch	0.0	0.25 <td>0.25<td>0.25</td><td>0.0</td></td>	0.25 <td>0.25</td> <td>0.0</td>	0.25	0.0

relative Natural Colour (NC)

	lab^*nch	0.25	0.25	0.25	(1.0)
lab^*nch	0.25 <td>0.25<td>0.25<td>0.25</td><td>0.0</td></td></td>	0.25 <td>0.25<td>0.25</td><td>0.0</td></td>	0.25 <td>0.25</td> <td>0.0</td>	0.25	0.0
lab^*nch	0.0	0.25 <td>0.25<td>0.25</td><td>0.0</td></td>	0.25 <td>0.25</td> <td>0.0</td>	0.25	0.0
lab^*nch	0.0	0.25 <td>0.25<td>0.25</td><td>0.0</td></td>	0.25 <td>0.25</td> <td>0.0</td>	0.25	0.0

relative Inform. Technology (IT)

	$olvi^*_s$	0.25	0.25	0.25	(1.0)
$cmyns^*$	0.0	0.25 <td>0.25<td>0.25</td><td>0.0</td></td>	0.25 <td>0.25</td> <td>0.0</td>	0.25	0.0
$olvi^*_s$	1.0 <td>1.0<td>1.0<td>1.0<td>1.0</td></td></td></td>	1.0 <td>1.0<td>1.0<td>1.0</td></td></td>	1.0 <td>1.0<td>1.0</td></td>	1.0 <td>1.0</td>	1.0
$olvi^*_s$	0.0	0.0	0.0	0.0	0.0
$cmyns^*$	0.0	0.0	0.0	0.0	0.25

standard and adapted CIELAB

	LAB^*LAB	37.36	32.15	19.35
LAB^*LAB	37.36 <td>32.15</td> <td>19.35</td> <td>0.0</td>	32.15	19.35	0.0
LAB^*TCh	25.0	0.01	-	-

relative CIELAB lab*

	lab^*lab	0.25	0.125	0.125	(1.0)
lab^*lab	0.25 <td>0.125<td>0.125<td>0.125<td>0.0</td></td></td></td>	0.125 <td>0.125<td>0.125<td>0.0</td></td></td>	0.125 <td>0.125<td>0.0</td></td>	0.125 <td>0.0</td>	0.0
lab^*nch	0.0	0.125 <td>0.125<td>0.125<td>0.0</td></td></td>	0.125 <td>0.125<td>0.0</td></td>	0.125 <td>0.0</td>	0.0
lab^*nch	0.0	0.125 <td>0.125<td>0.125<td>0.0</td></td></td>	0.125 <td>0.125<td>0.0</td></td>	0.125 <td>0.0</td>	0.0

relative Natural Colour (NC)

	lab^*nch	0.25	0.125	0.125	(1.0)
lab^*nch	0.25 <td>0.125<td>0.125<td>0.125<td>0.0</td></td></td></td>	0.125 <td>0.125<td>0.125<td>0.0</td></td></td>	0.125 <td>0.125<td>0.0</td></td>	0.125 <td>0.0</td>	0.0
lab^*nch	0.0	0.125 <td>0.125<td>0.125<td>0.0</td></td></td>	0.125 <td>0.125<td>0.0</td></td>	0.125 <td>0.0</td>	0.0
lab^*nch	0.0	0.125 <td>0.125<td>0.125<td>0.0</td></td></td>	0.125 <td>0.125<td>0.0</td></td>	0.125 <td>0.0</td>	0.0

relative Inform. Technology (IT)

	$olvi^*_s$	0.0	0.0	0.0	(1.0)
$cmyns^*$	0.0	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
$olvi^*_s$	1.0 <td>1.0<td>1.0<td>1.0</td><td>1.0</td></td></td>	1.0 <td>1.0<td>1.0</td><td>1.0</td></td>	1.0 <td>1.0</td> <td>1.0</td>	1.0	1.0
$olvi^*_s$	0.0	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
$cmyns^*$	0.0	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0

standard and adapted CIELAB

	LAB^*LAB	18.03	18.03	0.0
LAB^*LAB	18.03 <td>18.03<td>0.0</td><td>0.0</td></td>	18.03 <td>0.0</td> <td>0.0</td>	0.0	0.0
LAB^*TCh	0.0	0.01	-	-

relative CIELAB lab*

	lab^*lab	0.0	0.0	0.0	(1.0)
lab^*lab	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0

relative Natural Colour (NC)

	lab^*nch	0.0	0.0	0.0	(1.0)
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0

relative Inform. Technology (IT)

	$olvi^*_s$	0.0	0.0	0.0	(1.0)
$cmyns^*$	0.0	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
$olvi^*_s$	1.0 <td>1.0<td>1.0<td>1.0</td><td>1.0</td></td></td>	1.0 <td>1.0<td>1.0</td><td>1.0</td></td>	1.0 <td>1.0</td> <td>1.0</td>	1.0	1.0
$olvi^*_s$	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
$cmyns^*$	0.0	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0

standard and adapted CIELAB

	LAB^*LAB	0.0	0.0	0.0
LAB^*LAB	0.0 <td>0.0<td>0.0<td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td></td>	0.0 <td>0.0</td>	0.0
LAB^*TCh	0.0	0.01	-	-

relative CIELAB lab*

	lab^*lab	0.0	0.0	0.0	(1.0)
lab^*lab	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0</td><td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0

relative Natural Colour (NC)

	lab^*nch	0.0	0.0	0.0	(1.0)
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0

relative Inform. Technology (IT)

	$olvi^*_s$	0.0	0.0	0.0	(1.0)
$cmyns^*$	0.0	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
$olvi^*_s$	1.0 <td>1.0<td>1.0<td>1.0</td><td>1.0</td></td></td>	1.0 <td>1.0<td>1.0</td><td>1.0</td></td>	1.0 <td>1.0</td> <td>1.0</td>	1.0	1.0
$olvi^*_s$	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
$cmyns^*$	0.0	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0

standard and adapted CIELAB

	LAB^*LAB	0.0	0.0	0.0
LAB^*LAB	0.0 <td>0.0<td>0.0<td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td></td>	0.0 <td>0.0</td>	0.0
LAB^*TCh	0.0	0.01	-	-

relative CIELAB lab*

	lab^*lab	0.0	0.0	0.0	(1.0)
lab^*lab	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0</td><td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0

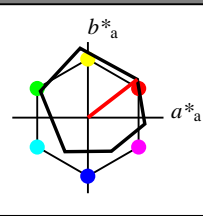
relative Natural Colour (NC)

	lab^*nch	0.0	0.0	0.0	(1.0)
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0
lab^*nch	0.0 <td>0.0<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.0 <td>0.0<td>0.0</td><td>0.0</td></td>	0.0 <td>0.0</td> <td>0.0</td>	0.0	0.0

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 38/360 = 0.105$
 lab^*tch and lab^*nch

D65: hue 0
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0
triangle lightness t^*



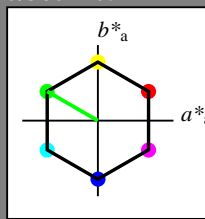
ORS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	47.94	65.39	50.52	82.63	38
Y _{Ma}	90.37	-10.26	91.75	92.32	96
L _{Ma}	50.9	-62.83	34.96	71.91	151
C _{Ma}	58.62	-30.34	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	54.22	305
M _{Ma}	48.13	75.28	-8.36	75.74	354
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.1			

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 150/360 = 0.417$
 lab^*ch and lab^*nch

D65: hue L
 LCH*Ma: 57 77 150
 olv*Ma: 0.0 1.0 0.0
 triangle lightness t^*



SRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
OMa	56.71	67.03	38.7	77.4	30
YMa	56.71	0.0	77.4	77.4	90
LMa	56.71	-67.02	38.7	77.4	150
CMa	56.71	-67.02	-38.69	77.4	210
VMa	56.71	0.0	-77.39	77.4	270
MMa	56.71	67.03	-38.69	77.4	330
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

relative Inform. Technology (IT)
 obv13* 1.0 1.0 1.0 (1.0)
 cmv23* 0.0 0.0 0.0 (0.0)
 olv14* 1.0 1.0 1.0 1.0
 cmv24* 0.0 0.0 0.0 0.0
standard and adapted CIELAB
 LAB*LAB 95.41 0.0 0.0
 LAB*LABa 95.41 0.0 0.0
 LAB*TCHa 99.99 0.01

relative CIELAB lab*
 lab*lab 1.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 0.0 0.0 0.0
relative Natural Colour (NC)
 lab*nrj 1.0 0.0 0.0
 lab*nce 1.0 0.0 0.0

relative Inform. Technology (IT)
 obv13* 0.75 1.0 0.75 (1.0)
 cmv23* 0.25 0.0 0.25 (0.0)
 olv14* 0.75 1.0 0.75 (1.0)
 cmv24* 0.25 0.0 0.25 (0.0)
standard and adapted CIELAB
 LAB*LAB 85.73 -16.74 9.67
 LAB*LABa 85.73 -16.74 9.67
 LAB*TCHa 87.5 19.34 150.0

relative CIELAB lab*
 lab*lab 0.875 0.25 0.417
 lab*ch 0.875 0.25 0.417
 lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
 lab*nrj 0.875 -0.24 0.068
 lab*nce 0.875 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.5 1.0 0.5 (1.0)
 cmv23* 0.5 0.0 0.5 (0.0)
 olv14* 0.5 1.0 0.5 (1.0)
 cmv24* 0.5 0.0 0.5 (0.0)
standard and adapted CIELAB
 LAB*LAB 76.06 -33.5 19.35
 LAB*LABa 76.06 -33.5 19.35
 LAB*TCHa 75.0 38.69 150.0

relative CIELAB lab*
 lab*lab 0.75 0.25 0.417
 lab*ch 0.75 0.25 0.417
 lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
 lab*nrj 0.75 -0.48 0.136
 lab*nce 0.75 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 0.25 0.25 (1.0)
 cmv23* 0.5 0.5 0.5 (0.0)
 olv14* 1.0 1.0 1.0 0.5
 cmv24* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
 LAB*LAB 56.72 0.0 0.0
 LAB*LABa 56.72 0.0 0.0
 LAB*TCHa 75.0 0.01

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
 obv13* 0.5 0.75 0.5 (1.0)
 cmv23* 0.25 0.25 0.25 (0.0)
 olv14* 0.75 1.0 0.75 (0.75)
 cmv24* 0.25 0.0 0.25 (0.25)
standard and adapted CIELAB
 LAB*LAB 66.39 -16.75 9.68
 LAB*LABa 66.39 -16.75 9.68
 LAB*TCHa 62.5 19.35 150.0

relative CIELAB lab*
 lab*lab 0.625 -0.432 0.25
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.5 0.417
relative Natural Colour (NC)
 lab*nrj 0.75 -0.48 0.136
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 1.0 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 0.5 1.0 0.5 0.75
 cmv24* 0.5 0.0 0.5 0.25
standard and adapted CIELAB
 LAB*LAB 56.71 -33.5 19.35
 LAB*LABa 56.71 -33.5 19.35
 LAB*TCHa 50.0 38.7 150.0

relative CIELAB lab*
 lab*lab 0.625 0.25 0.417
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 0.25 0.25 (1.0)
 cmv23* 0.5 0.5 0.5 (0.0)
 olv14* 1.0 1.0 1.0 0.5
 cmv24* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
 LAB*LAB 56.72 0.0 0.0
 LAB*LABa 56.72 0.0 0.0
 LAB*TCHa 75.0 0.01

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
 obv13* 0.25 0.75 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 0.5 1.0 0.5 0.75
 cmv24* 0.5 0.0 0.5 0.25
standard and adapted CIELAB
 LAB*LAB 56.71 -33.5 19.35
 LAB*LABa 56.71 -33.5 19.35
 LAB*TCHa 50.0 38.7 150.0

relative CIELAB lab*
 lab*lab 0.625 0.25 0.417
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.0 1.0 0.0 (1.0)
 cmv23* 1.0 0.0 1.0 (0.0)
 olv14* 1.0 1.0 1.0 0.5
 cmv24* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
 LAB*LAB 56.71 -67.01 38.69
 LAB*LABa 56.71 -67.01 38.69
 LAB*TCHa 50.0 77.38 150.0

relative CIELAB lab*
 lab*lab 0.5 -0.865 0.5
 lab*ch 0.5 1.0 0.417
 lab*nch 0.0 1.0 0.417
relative Natural Colour (NC)
 lab*nrj 0.5 -0.961 0.271
 lab*nce 0.5 1.0 0.826

relative Inform. Technology (IT)
 obv13* 0.25 0.25 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 1.0 1.0 1.0 0.5
 cmv24* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
 LAB*LAB 56.72 0.0 0.0
 LAB*LABa 56.72 0.0 0.0
 LAB*TCHa 75.0 0.01

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
 obv13* 0.5 0.75 0.5 (1.0)
 cmv23* 0.25 0.25 0.25 (0.0)
 olv14* 0.75 1.0 0.75 (0.75)
 cmv24* 0.25 0.0 0.25 (0.25)
standard and adapted CIELAB
 LAB*LAB 47.04 -16.75 9.68
 LAB*LABa 47.04 -16.75 9.68
 LAB*TCHa 37.5 19.35 150.0

relative CIELAB lab*
 lab*lab 0.625 -0.432 0.25
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.5 0.417
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 1.0 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 0.5 1.0 0.5 0.75
 cmv24* 0.5 0.0 0.5 0.25
standard and adapted CIELAB
 LAB*LAB 56.71 -33.5 19.35
 LAB*LABa 56.71 -33.5 19.35
 LAB*TCHa 50.0 38.7 150.0

relative CIELAB lab*
 lab*lab 0.625 0.25 0.417
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 0.25 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 1.0 1.0 1.0 0.5
 cmv24* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
 LAB*LAB 56.72 0.0 0.0
 LAB*LABa 56.72 0.0 0.0
 LAB*TCHa 75.0 0.01

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
 obv13* 0.5 0.75 0.5 (1.0)
 cmv23* 0.25 0.25 0.25 (0.0)
 olv14* 0.75 1.0 0.75 (0.75)
 cmv24* 0.25 0.0 0.25 (0.25)
standard and adapted CIELAB
 LAB*LAB 47.04 -16.75 9.68
 LAB*LABa 47.04 -16.75 9.68
 LAB*TCHa 37.5 19.35 150.0

relative CIELAB lab*
 lab*lab 0.625 -0.432 0.25
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.5 0.417
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 1.0 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 0.5 1.0 0.5 0.75
 cmv24* 0.5 0.0 0.5 0.25
standard and adapted CIELAB
 LAB*LAB 56.71 -33.5 19.35
 LAB*LABa 56.71 -33.5 19.35
 LAB*TCHa 50.0 38.7 150.0

relative CIELAB lab*
 lab*lab 0.625 0.25 0.417
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 0.25 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 1.0 1.0 1.0 0.5
 cmv24* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
 LAB*LAB 56.72 0.0 0.0
 LAB*LABa 56.72 0.0 0.0
 LAB*TCHa 75.0 0.01

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
 obv13* 0.5 0.75 0.5 (1.0)
 cmv23* 0.25 0.25 0.25 (0.0)
 olv14* 0.75 1.0 0.75 (0.75)
 cmv24* 0.25 0.0 0.25 (0.25)
standard and adapted CIELAB
 LAB*LAB 47.04 -16.75 9.68
 LAB*LABa 47.04 -16.75 9.68
 LAB*TCHa 37.5 19.35 150.0

relative CIELAB lab*
 lab*lab 0.625 -0.432 0.25
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.5 0.417
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 1.0 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 0.5 1.0 0.5 0.75
 cmv24* 0.5 0.0 0.5 0.25
standard and adapted CIELAB
 LAB*LAB 56.71 -33.5 19.35
 LAB*LABa 56.71 -33.5 19.35
 LAB*TCHa 50.0 38.7 150.0

relative CIELAB lab*
 lab*lab 0.625 0.25 0.417
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 0.25 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 1.0 1.0 1.0 0.5
 cmv24* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
 LAB*LAB 56.72 0.0 0.0
 LAB*LABa 56.72 0.0 0.0
 LAB*TCHa 75.0 0.01

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
 obv13* 0.5 0.75 0.5 (1.0)
 cmv23* 0.25 0.25 0.25 (0.0)
 olv14* 0.75 1.0 0.75 (0.75)
 cmv24* 0.25 0.0 0.25 (0.25)
standard and adapted CIELAB
 LAB*LAB 47.04 -16.75 9.68
 LAB*LABa 47.04 -16.75 9.68
 LAB*TCHa 37.5 19.35 150.0

relative CIELAB lab*
 lab*lab 0.625 -0.432 0.25
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.5 0.417
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 1.0 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 0.5 1.0 0.5 0.75
 cmv24* 0.5 0.0 0.5 0.25
standard and adapted CIELAB
 LAB*LAB 56.71 -33.5 19.35
 LAB*LABa 56.71 -33.5 19.35
 LAB*TCHa 50.0 38.7 150.0

relative CIELAB lab*
 lab*lab 0.625 0.25 0.417
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.0 0.0 0.0 (1.0)
 cmv23* 1.0 1.0 1.0 (0.0)
 olv14* 1.0 1.0 1.0 1.0
 cmv24* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
 LAB*LAB 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*TCHa 0.0 0.0 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 obv13* 0.125 -0.215 0.125
 cmv23* 1.0 0.75 1.0 (0.0)
 olv14* 0.75 1.0 0.75 (0.75)
 cmv24* 0.125 0.25 0.125 (0.125)
standard and adapted CIELAB
 LAB*LAB 27.69 -16.74 9.67
 LAB*LABa 27.69 -16.74 9.67
 LAB*TCHa 12.5 19.34 150.0

relative CIELAB lab*
 lab*lab 0.125 -0.215 0.125
 lab*ch 0.125 0.25 0.417
 lab*nch 0.0 0.25 0.419
relative Natural Colour (NC)
 lab*nrj 0.125 -0.24 0.068
 lab*nce 0.125 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.0 0.0 0.0 (1.0)
 cmv23* 1.0 1.0 1.0 (0.0)
 olv14* 1.0 1.0 1.0 1.0
 cmv24* 0.0 0.0 0.0 1.0
standard and adapted CIELAB
 LAB*LAB 18.02 0.0 0.0
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHa 0.0 0.0 0.01

relative CIELAB lab*
 lab*lab 0.0 0.0 0.0
 lab*ch 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0
relative Natural Colour (NC)
 lab*nrj 0.0 0.0 0.0
 lab*nce 0.0 0.0 0.0

relative Inform. Technology (IT)
 obv13* 0.25 0.25 0.25 (1.0)
 cmv23* 0.75 0.25 0.75 (0.0)
 olv14* 1.0 1.0 1.0 0.5
 cmv24* 0.0 0.0 0.0 0.5
standard and adapted CIELAB
 LAB*LAB 56.72 0.0 0.0
 LAB*LABa 56.72 0.0 0.0
 LAB*TCHa 75.0 0.01

relative CIELAB lab*
 lab*lab 0.75 0.0 0.0
 lab*ch 0.75 0.0 0.0
 lab*nch 0.25 0.0 0.0
relative Natural Colour (NC)
 lab*nrj 0.75 0.0 0.0
 lab*nce 0.75 0.0 0.0

relative Inform. Technology (IT)
 obv13* 0.5 0.75 0.5 (1.0)
 cmv23* 0.25 0.25 0.25 (0.0)
 olv14* 0.75 1.0 0.75 (0.75)
 cmv24* 0.25 0.0 0.25 (0.25)
standard and adapted CIELAB
 LAB*LAB 47.04 -16.75 9.68
 LAB*LABa 47.04 -16.75 9.68
 LAB*TCHa 37.5 19.35 150.0

relative CIELAB lab*
 lab*lab 0.625 -0.432 0.25
 lab*ch 0.625 0.25 0.417
 lab*nch 0.0 0.5 0.417
relative Natural Colour (NC)
 lab*nrj 0.625 -0.21 0.203
 lab*nce 0.625 0.25 0.456
 lab*nce 0.0 0.25 0.826

relative Inform. Technology (IT)
 obv13* 0.25 1.0 0.25 (1.0

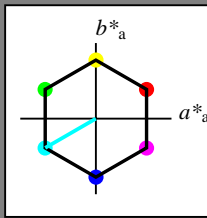
Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 210/360 = 0.583$

lab^*ch and lab^*nch

D65: hue C
LCH*Ma: 57 77 210
olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



SRS18; adapted (a) CIELAB data

Table with 6 columns: L*, a*, b*, C*ab,a, h*ab,a. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT) table for SRS18 system.

relative Inform. Technology (IT) table for SRS18 system.

relative Inform. Technology (IT) table for SRS18 system.

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relative Inform. Technology (IT) table for SRS18 system.

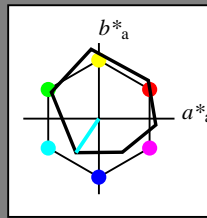
Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 236/360 = 0.656$

lab^*ch and lab^*nch

D65: hue C
LCH*Ma: 59 54 236
olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

Table with 6 columns: L*, a*, b*, C*ab,a, h*ab,a. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

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

$g^*_{C,rel} = 59$

relative Inform. Technology (IT) table for ORS18 system.

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relative Inform. Technology (IT) table for ORS18 system.

NE570-7, 5 step scales for constant CIELAB hue 210/360 = 0.583 (left)

5 step scales for constant CIELAB hue 236/360 = 0.656 (right)

BAM-test chart NE57; Colorimetric systems ORS18 & ORS18

D65: 2 coordinate data of 5 step colour scales for 10 hues

input: $olv^*setrgbcolor$

output: Startup (S) data dependend

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 330/360 = 0.917$

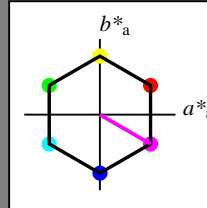
lab^*ch and lab^*nch

D65: hue M

LCH*Ma: 57 77 330

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



SRS18; adapted (a) CIELAB data

Table with 5 columns: L*, a*, b*, C*ab,a, h*ab,a. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

g*H,rel = 100, g*C,rel = 100

relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

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standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

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relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

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standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

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standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 354/360 = 0.982$

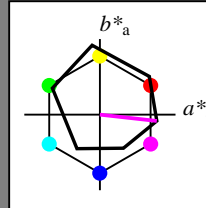
lab^*ch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



ORS18; adapted (a) CIELAB data

Table with 5 columns: L*, a*, b*, C*ab,a, h*ab,a. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

g*H,rel = 57, g*C,rel = 59

relative Inform. Technology (IT) table for ORS18

standard and adapted CIELAB table for ORS18

relative CIELAB lab* table for ORS18

relative Inform. Technology (IT) table for ORS18

standard and adapted CIELAB table for ORS18

relative CIELAB lab* table for ORS18

relative Inform. Technology (IT) table for ORS18

standard and adapted CIELAB table for ORS18

relative CIELAB lab* table for ORS18

relative Inform. Technology (IT) table for ORS18

standard and adapted CIELAB table for ORS18

relative CIELAB lab* table for ORS18

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standard and adapted CIELAB table for ORS18

relative CIELAB lab* table for ORS18

relative Inform. Technology (IT) table for ORS18

standard and adapted CIELAB table for ORS18

relative CIELAB lab* table for ORS18

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relative CIELAB lab* table for ORS18

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relative CIELAB lab* table for ORS18

relative Inform. Technology (IT) table for ORS18

standard and adapted CIELAB table for ORS18

relative CIELAB lab* table for ORS18

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 25/360 = 0.071$

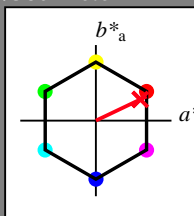
lab^*ch and lab^*nch

D65: hue R

LCH*Ma: 57 74 25

olv*Ma: 1.0 0.0 0.09

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

relative Inform. Technology (IT)

ohv1*	1.0	1.0	1.0	(1.0)
ohv2*	0.0	0.0	0.0	(0.0)
ohv3*	1.0	1.0	1.0	(1.0)
ohv4*	1.0	1.0	1.0	(1.0)
ohv5*	0.0	0.0	0.0	(0.0)
ohv6*	0.0	0.0	0.0	(0.0)

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*LABb	99.99	0.01	-

relative CIELAB lab*

lab*lab	1.0	0.0	0.0
lab*ch	1.0	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nlr	1.0	0.0	0.0
lab*nle	1.0	0.0	0.0
lab*nce	0.0	0.0	0.0

SRS18; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	56.71	67.03	38.7	77.4	30
Y _{Ma}	56.71	0.0	77.4	77.4	90
L _{Ma}	56.71	-67.02	38.7	77.4	150
C _{Ma}	56.71	-67.02	-38.69	77.4	210
V _{Ma}	56.71	0.0	-77.39	77.4	270
M _{Ma}	56.71	67.03	-38.69	77.4	330
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.74	27.99	65.07	25
JCIE	81.26	-2.88	71.56	71.62	92
GCIE	52.23	-42.41	13.6	44.55	162
BCIE	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT)

ohv1*	0.75	0.75	0.75	(1.0)
ohv2*	0.25	0.25	0.25	(1.0)
ohv3*	1.0	1.0	1.0	(0.75)
ohv4*	1.0	1.0	1.0	(0.75)
ohv5*	0.0	0.0	0.0	(0.25)

standard and adapted CIELAB

LAB*LAB	76.07	0.0	0.0
LAB*LABa	76.07	0.0	0.0
LAB*LABb	75.00	0.01	-

relative CIELAB lab*

lab*lab	0.75	0.25	0.0
lab*ch	0.75	0.25	0.0
lab*nch	0.25	0.0	0.0

relative Natural Colour (NC)

lab*nlr	0.75	0.25	0.0
lab*nle	0.75	0.25	0.0
lab*nce	0.25	0.0	0.0

relative Inform. Technology (IT)

ohv1*	1.0	0.5	0.544	(1.0)
ohv2*	0.0	0.5	0.544	(1.0)
ohv3*	1.0	0.5	0.544	(1.0)
ohv4*	1.0	0.5	0.544	(1.0)
ohv5*	0.0	0.5	0.544	(1.0)

standard and adapted CIELAB

LAB*LAB	76.06	33.51	15.97
LAB*LABa	76.06	33.51	15.97
LAB*LABb	75.00	37.12	25.48

relative CIELAB lab*

lab*lab	0.75	0.451	0.215
lab*ch	0.75	0.451	0.215
lab*nch	0.0	0.451	0.215

relative Natural Colour (NC)

lab*nlr	0.75	0.451	0.215
lab*nle	0.75	0.451	0.215
lab*nce	0.0	0.451	0.215

relative Inform. Technology (IT)

ohv1*	1.0	0.25	0.316	(1.0)
ohv2*	0.0	0.25	0.316	(1.0)
ohv3*	1.0	0.25	0.316	(1.0)
ohv4*	1.0	0.25	0.316	(1.0)
ohv5*	0.0	0.25	0.316	(1.0)

standard and adapted CIELAB

LAB*LAB	66.38	50.27	23.95
LAB*LABa	66.38	50.27	23.95
LAB*LABb	62.5	55.68	25.48

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.25	0.0	0.0

relative Natural Colour (NC)

lab*nlr	0.75	0.0	0.0
lab*nle	0.75	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.75	0.25	0.581	(1.0)
ohv2*	0.25	0.25	0.581	(1.0)
ohv3*	1.0	0.25	0.581	(1.0)
ohv4*	1.0	0.25	0.581	(1.0)
ohv5*	0.0	0.25	0.581	(1.0)

standard and adapted CIELAB

LAB*LAB	76.06	-0.61	3.44
LAB*LABa	76.06	-0.61	3.44
LAB*LABb	75.00	0.01	-

relative CIELAB lab*

lab*lab	0.75	0.0	0.0
lab*ch	0.75	0.0	0.0
lab*nch	0.25	0.0	0.0

relative Natural Colour (NC)

lab*nlr	0.75	0.0	0.0
lab*nle	0.75	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	1.0	0.5	0.661	(1.0)
ohv2*	0.0	0.5	0.661	(1.0)
ohv3*	1.0	0.5	0.661	(1.0)
ohv4*	1.0	0.5	0.661	(1.0)
ohv5*	0.0	0.5	0.661	(1.0)

standard and adapted CIELAB

LAB*LAB	71.7	33.75	18.92
LAB*LABa	71.7	33.75	18.92
LAB*LABb	75.00	37.12	24.7

relative CIELAB lab*

lab*lab	0.694	0.454	0.209
lab*ch	0.75	0.5	0.069
lab*nch	0.0	0.5	0.069

relative Natural Colour (NC)

lab*nlr	0.694	0.454	0.209
lab*nle	0.75	0.5	0.069
lab*nce	0.0	0.5	0.069

relative Inform. Technology (IT)

ohv1*	0.5	0.5	0.5	(0.0)
ohv2*	1.0	1.0	1.0	(0.5)
ohv3*	1.0	1.0	1.0	(0.5)
ohv4*	1.0	1.0	1.0	(0.5)
ohv5*	0.0	0.0	0.0	(0.5)

standard and adapted CIELAB

LAB*LAB	56.72	0.0	0.0
LAB*LABa	56.72	0.0	0.0
LAB*LABb	55.00	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.25	0.0
lab*ch	0.5	0.25	0.0
lab*nch	0.25	0.0	0.0

relative Natural Colour (NC)

lab*nlr	0.5	0.25	0.0
lab*nle	0.5	0.25	0.0
lab*nce	0.25	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.75	0.0	0.250	(1.0)
ohv2*	0.25	0.75	0.706	(0.0)
ohv3*	1.0	0.5	0.544	(0.75)
ohv4*	1.0	0.5	0.544	(0.75)
ohv5*	0.0	0.5	0.544	(0.75)

standard and adapted CIELAB

LAB*LAB	56.71	33.52	15.97
LAB*LABa	56.71	33.52	15.97
LAB*LABb	50.00	37.12	25.48

relative CIELAB lab*

lab*lab	0.62	0.677	0.323
lab*ch	0.625	0.75	0.071
lab*nch	0.0	0.75	0.071

relative Natural Colour (NC)

lab*nlr	0.625	0.75	0.071
lab*nle	0.625	0.75	0.071
lab*nce	0.0	0.75	0.071

relative Inform. Technology (IT)

ohv1*	1.0	0.0	0.913	(0.0)
ohv2*	0.5	0.5	0.5	(0.0)
ohv3*	1.0	1.0	1.0	(0.5)
ohv4*	1.0	1.0	1.0	(0.5)
ohv5*	0.0	0.0	0.0	(0.5)

standard and adapted CIELAB

LAB*LAB	56.71	-0.24	2.14
LAB*LABa	56.71	-0.24	2.14
LAB*LABb	50.00	0.01	-

relative CIELAB lab*

lab*lab	0.5	0.0	0.0
lab*ch	0.5	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nlr	0.5	0.0	0.0
lab*nle	0.5	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.75	0.25	0.531	(1.0)
ohv2*	0.25	0.25	0.531	(1.0)
ohv3*	1.0	0.25	0.531	(1.0)
ohv4*	1.0	0.25	0.531	(1.0)
ohv5*	0.0	0.25	0.531	(1.0)

standard and adapted CIELAB

LAB*LAB	64.21	16.75	10.54
LAB*LABa	64.21	16.75	10.54
LAB*LABb	62.5	18.87	24.7

relative CIELAB lab*

lab*lab	0.597	0.227	0.104
lab*ch	0.625	0.25	0.069
lab*nch	0.25	0.25	0.069

relative Natural Colour (NC)

lab*nlr	0.597	0.227	0.104
lab*nle	0.625	0.25	0.069
lab*nce	0.25	0.25	0.069

relative Inform. Technology (IT)

ohv1*	0.75	0.25	0.441	(1.0)
ohv2*	0.25	0.75	0.589	(0.0)
ohv3*	1.0	0.5	0.661	(0.75)
ohv4*	1.0	0.5	0.661	(0.75)
ohv5*	0.0	0.5	0.661	(0.75)

standard and adapted CIELAB

LAB*LAB	52.36	34.13	17.62
LAB*LABa	52.36	34.13	17.62
LAB*LABb	50.00	37.12	24.7

relative CIELAB lab*

lab*lab	0.541	0.75	0.0
lab*ch	0.625	0.75	0.0
lab*nch	0.25	0.75	0.0

relative Natural Colour (NC)

lab*nlr	0.541	0.75	0.0
lab*nle	0.625	0.75	0.0
lab*nce	0.25	0.75	0.0

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.75	(1.0)
ohv3*	1.0	1.0	1.0	(0.25)
ohv4*	1.0	1.0	1.0	(0.25)
ohv5*	0.0	0.0	0.0	(0.25)

standard and adapted CIELAB

LAB*LAB	37.37	0.0	0.0
LAB*LABa	37.37	0.0	0.0
LAB*LABb	35.00	0.01	-

relative CIELAB lab*

lab*lab	0.25	0.125	0.0
lab*ch	0.25	0.125	0.0
lab*nch	0.125	0.0	0.0

relative Natural Colour (NC)

lab*nlr	0.25	0.125	0.0
lab*nle	0.25	0.125	0.0
lab*nce	0.125	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.5	0.0	0.843	(1.0)
ohv2*	0.25	0.5	0.706	(0.0)
ohv3*	1.0	0.25	0.544	(0.75)
ohv4*	1.0	0.25	0.544	(0.75)
ohv5*	0.0	0.25	0.544	(0.75)

standard and adapted CIELAB

LAB*LAB	47.04	50.27	23.96
LAB*LABa	47.04	50.27	23.96
LAB*LABb	37.51	55.68	25.48

relative CIELAB lab*

lab*lab	0.375	0.677	0.323
lab*ch	0.375	0.75	0.071
lab*nch	0.0	0.75	0.071

relative Natural Colour (NC)

lab*nlr	0.375	0.75	0.071
lab*nle	0.375	0.75	0.071
lab*nce	0.0	0.75	0.071

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.75	(1.0)
ohv3*	1.0	1.0	1.0	(0.25)
ohv4*	1.0	1.0	1.0	(0.25)
ohv5*	0.0	0.0	0.0	(0.25)

standard and adapted CIELAB

LAB*LAB	23.47	1.9	0.8
LAB*LABa	23.47	1.9	0.8
LAB*LABb	25.00	0.01	-

relative CIELAB lab*

lab*lab	0.25	0.0	0.0
lab*ch	0.25	0.0	0.0
lab*nch	0.0	0.0	0.0

relative Natural Colour (NC)

lab*nlr	0.25	0.0	0.0
lab*nle	0.25	0.0	0.0
lab*nce	0.0	0.0	0.0

relative Inform. Technology (IT)

ohv1*	0.25	0.25	0.25	(1.0)
ohv2*	0.75	0.75	0.75	(1.0)
ohv3*	1.0	1.0	1.0	(0.25)

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 92/360 = 0.256$

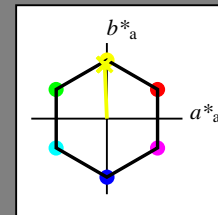
lab^*ch and lab^*nch

D65: hue J

LCH*Ma: 57 76 92

olv*Ma: 0.95 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

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Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

SRS18; adapted (a) CIELAB data

Table with 6 columns: L*, a*, b*, C*ab,a, h*ab,a and rows for colorimetric data points.

%Regularity

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

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Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 92/360 = 0.255$

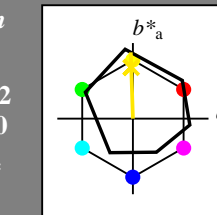
lab^*ch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

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Table with 2 columns: relative Inform. Technology (IT) and values for various colorimetric parameters.

NE570-7, 5 step scales for constant CIELAB hue 92/360 = 0.256 (left)

5 step scales for constant CIELAB hue 92/360 = 0.255 (right)

BAM-test chart NE57; Colorimetric systems ORS18 & ORS18 input: olv* setrgbcolor output: Startup (S) data dependend

D65: 2 coordinate data of 5 step colour scales for 10 hues

output: Startup (S) data dependend

See for similar files: http://www.ps.bam.de/NE57/ Technical information: http://www.ps.bam.de

Version 2.1, io=1,1,?

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 162/360 = 0.451$

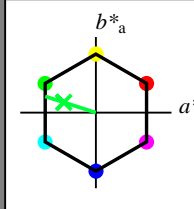
lab^*ch and lab^*nch

D65: hue G

LCH*Ma: 57 70 162

olv*Ma: 0.0 1.0 0.22

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

SRS18; adapted (a) CIELAB data

Table with 6 columns: L*, a*, b*, C*ab,a, h*ab,a. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

$g^*_{H,rel} = 100$

$g^*_{C,rel} = 100$

relative Inform. Technology (IT) table for SRS18

relative Inform. Technology (IT) table for SRS18

relative Inform. Technology (IT) table for SRS18

relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

standard and adapted CIELAB table for SRS18

standard and adapted CIELAB table for SRS18

standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

relative CIELAB lab* table for SRS18

relative CIELAB lab* table for SRS18

relative CIELAB lab* table for SRS18

relative Inform. Technology (IT) table for SRS18

relative Inform. Technology (IT) table for SRS18

relative Inform. Technology (IT) table for SRS18

relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

standard and adapted CIELAB table for SRS18

standard and adapted CIELAB table for SRS18

standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

relative CIELAB lab* table for SRS18

relative CIELAB lab* table for SRS18

relative CIELAB lab* table for SRS18

relative Inform. Technology (IT) table for SRS18

relative Inform. Technology (IT) table for SRS18

relative Inform. Technology (IT) table for SRS18

relative Inform. Technology (IT) table for SRS18

standard and adapted CIELAB table for SRS18

standard and adapted CIELAB table for SRS18

standard and adapted CIELAB table for SRS18

standard and adapted CIELAB table for SRS18

relative CIELAB lab* table for SRS18

relative CIELAB lab* table for SRS18

relative CIELAB lab* table for SRS18

relative CIELAB lab* table for SRS18

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 164/360 = 0.457$

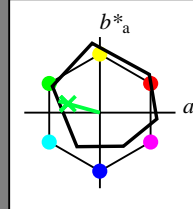
lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

ORS18; adapted (a) CIELAB data

Table with 6 columns: L*, a*, b*, C*ab,a, h*ab,a. Rows include OMa, YMa, LMa, CMa, VMa, MMa, NMa, WMa, RCIE, JCIE, GCIE, BCIE.

%Regularity

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

$g^*_{C,rel} = 59$

relative Inform. Technology (IT) table for ORS18

relative Inform. Technology (IT) table for ORS18

relative Inform. Technology (IT) table for ORS18

relative Inform. Technology (IT) table for ORS18

standard and adapted CIELAB table for ORS18

standard and adapted CIELAB table for ORS18

standard and adapted CIELAB table for ORS18

standard and adapted CIELAB table for ORS18

relative CIELAB lab* table for ORS18

relative CIELAB lab* table for ORS18

relative CIELAB lab* table for ORS18

relative CIELAB lab* table for ORS18

relative Inform. Technology (IT) table for ORS18

relative Inform. Technology (IT) table for ORS18

relative Inform. Technology (IT) table for ORS18

relative Inform. Technology (IT) table for ORS18

standard and adapted CIELAB table for ORS18

standard and adapted CIELAB table for ORS18

standard and adapted CIELAB table for ORS18

standard and adapted CIELAB table for ORS18

relative CIELAB lab* table for ORS18

relative CIELAB lab* table for ORS18

relative CIELAB lab* table for ORS18

relative CIELAB lab* table for ORS18

relative Inform. Technology (IT) table for ORS18

relative Inform. Technology (IT) table for ORS18

relative Inform. Technology (IT) table for ORS18

relative Inform. Technology (IT) table for ORS18

standard and adapted CIELAB table for ORS18

standard and adapted CIELAB table for ORS18

standard and adapted CIELAB table for ORS18

standard and adapted CIELAB table for ORS18

relative CIELAB lab* table for ORS18

relative CIELAB lab* table for ORS18

relative CIELAB lab* table for ORS18

relative CIELAB lab* table for ORS18

NE570-7, 5 step scales for constant CIELAB hue 162/360 = 0.451 (left)

5 step scales for constant CIELAB hue 164/360 = 0.457 (right)

BAM-test chart NE57; Colorimetric systems ORS18 & ORS18

D65: 2 coordinate data of 5 step colour scales for 10 hues

input: $olv^*_{setrgbcolor}$

output: Startup (S) data dependend

