

Input: Colorimetric Standard Reflective System SRS18

for hue $h^* = lab^*h = 90/360 = 0.25$

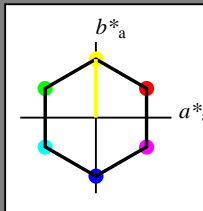
lab^*ch and lab^*nch

D65: hue Y

LCH*Ma: 57 77 90

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



%Gamut

$$u^*_{rel} = 100$$

relative Inform. Technology (IT)	olvi3*	1.0	1.0	1.0	(1.0)
	olvi2*	0.0	0.0	0.0	(0.0)
	olvi4*	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)
	olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	95.41	0.0	0.0	0.0
	LAB*LABa	95.41	0.0	0.0	0.0
	LAB*LABb	99.99	0.01	0.0	0.0

relative CIELAB lab*	lab*lab	1.0	0.0	0.0	-
	lab*lab <td>1.0<td>0.0</td><td>0.0</td><td>-</td></td>	1.0 <td>0.0</td> <td>0.0</td> <td>-</td>	0.0	0.0	-
	lab*nch <td>0.0<td>0.0</td><td>-</td><td>-</td></td>	0.0 <td>0.0</td> <td>-</td> <td>-</td>	0.0	-	-
	lab*nch <td>0.0<td>0.0</td><td>-</td><td>-</td></td>	0.0 <td>0.0</td> <td>-</td> <td>-</td>	0.0	-	-
relative Natural Colour (NC)	lab*nlr	0.0	0.0	0.0	0.0
	lab*ncc	1.0	0.0	-	-
	lab*ncc	0.0	0.0	-	-

relative Inform. Technology (IT)	olvi3*	0.75	0.75	0.75	(1.0)
	olvi2*	0.0	0.0	0.0	(0.0)
	olvi4*	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)
	olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	76.07	0.0	0.0	0.0
	LAB*LABa	76.07	0.0	0.0	0.0
	LAB*LABb	75.00	0.01	-	-

relative CIELAB lab*	lab*lab	0.75	0.75	0.0	0.0
	lab*lab <td>0.75<td>0.75<td>0.0</td><td>0.0</td></td></td>	0.75 <td>0.75<td>0.0</td><td>0.0</td></td>	0.75 <td>0.0</td> <td>0.0</td>	0.0	0.0
	lab*nch <td>0.25<td>0.0<td>-</td><td>-</td></td></td>	0.25 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
	lab*nch <td>0.25<td>0.0<td>-</td><td>-</td></td></td>	0.25 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
relative Natural Colour (NC)	lab*nlr	0.75 <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*ncc	0.75 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
	lab*ncc	0.25 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-

relative Inform. Technology (IT)	olvi3*	0.5	0.5	0.5	(0.0)
	olvi2*	0.0	0.0	0.0	(0.0)
	olvi4*	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)
	olvi5*	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB	LAB*LAB	56.72	0.0	0.0	0.0
	LAB*LABa	56.72	0.0	0.0	0.0
	LAB*LABb	50.00	0.01	-	-

relative CIELAB lab*	lab*lab	0.5	0.0	0.0	0.0
	lab*lab <td>0.5<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.5 <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 <td>0.5<td>0.0<td>-</td><td>-</td></td></td>	0.5 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
	lab*nch <td>0.5<td>0.0<td>-</td><td>-</td></td></td>	0.5 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
relative Natural Colour (NC)	lab*nlr	0.5 <td>0.0</td> <td>0.0</td> <td>0.0</td>	0.0	0.0	0.0
	lab*ncc	0.5 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
	lab*ncc	0.5 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-

relative Inform. Technology (IT)	olvi3*	0.25	0.25	0.25	(1.0)
	olvi2*	0.75 <td>0.75<td>0.75<td>(0.0)</td></td></td>	0.75 <td>0.75<td>(0.0)</td></td>	0.75 <td>(0.0)</td>	(0.0)
	olvi4*	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)
	olvi5*	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	37.37	0.0	0.0	0.0
	LAB*LABa	37.37	0.0	0.0	0.0
	LAB*LABb	25.00	0.01	-	-

relative CIELAB lab*	lab*lab	0.25	0.0	0.0	0.0
	lab*lab <td>0.25<td>0.0<td>0.0</td><td>0.0</td></td></td>	0.25 <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 <td>0.25<td>0.0<td>-</td><td>-</td></td></td>	0.25 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
	lab*nch <td>0.25<td>0.0<td>-</td><td>-</td></td></td>	0.25 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
relative Natural Colour (NC)	lab*nlr	0.25 <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*ncc	0.25 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
	lab*ncc	0.25 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-

relative Inform. Technology (IT)	olvi3*	0.0	0.0	0.0	(1.0)
	olvi2*	1.0 <td>1.0<td>1.0</td><td>(0.0)</td></td>	1.0 <td>1.0</td> <td>(0.0)</td>	1.0	(0.0)
	olvi4*	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)
	olvi5*	0.0 <td>0.0<td>0.0</td><td>(1.0)</td></td>	0.0 <td>0.0</td> <td>(1.0)</td>	0.0	(1.0)
standard and adapted CIELAB	LAB*LAB	18.03	0.0	0.0	0.0
	LAB*LABa	18.03	0.0	0.0	0.0
	LAB*LABb	10.00	0.01	-	-

relative CIELAB lab*	lab*lab	0.0	0.0	0.0	0.0
	lab*lab <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 <td>0.0<td>0.0<td>-</td><td>-</td></td></td>	0.0 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
	lab*nch <td>0.0<td>0.0<td>-</td><td>-</td></td></td>	0.0 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
relative Natural Colour (NC)	lab*nlr	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*ncc	0.0 <td>0.0<td>-</td><td>-</td></td>	0.0 <td>-</td> <td>-</td>	-	-
	lab*ncc	0.0 <td>0.0</td> <td>-</td> <td>-</td>	0.0	-	-

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

%Regularity

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

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

relative Inform. Technology (IT)	olvi3*	1.0	1.0	0.5	(1.0)
	olvi2*	0.0	0.0	0.5	(0.0)
	olvi4*	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)
	olvi5*	0.0	0.0	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	76.06	0.0	38.69	0.0
	LAB*LABa	76.06	0.0	38.69	0.0
	LAB*LABb	75.00	0.01	38.69	0.0

relative CIELAB lab*	lab*lab	0.75	0.0	0.5	0.0
	lab*lab <td>0.75<td>0.0<td>0.5</td><td>0.0</td></td></td>	0.75 <td>0.0<td>0.5</td><td>0.0</td></td>	0.0 <td>0.5</td> <td>0.0</td>	0.5	0.0
	lab*nch <td>0.75<td>0.5</td><td>0.25</td><td>0.0</td></td>	0.75 <td>0.5</td> <td>0.25</td> <td>0.0</td>	0.5	0.25	0.0
	lab*nch <td>0.75<td>0.5</td><td>0.25</td><td>0.0</td></td>	0.75 <td>0.5</td> <td>0.25</td> <td>0.0</td>	0.5	0.25	0.0
relative Natural Colour (NC)	lab*nlr	0.75	0.25	0.499	0.0
	lab*ncc	0.75	0.25	0.499	0.0
	lab*ncc	0.0	0.5	0.969	0.0

relative Inform. Technology (IT)	olvi3*	1.0	1.0	0.0	(1.0)
	olvi2*	0.0	0.0	0.75	(0.0)
	olvi4*	1.0 <td>1.0</td> <td>1.0</td> <td>(1.0)</td>	1.0	1.0	(1.0)
	olvi5*	0.0	0.0	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	66.38	0.0	58.04	0.0
	LAB*LABa	66.38	0.0	58.04	0.0
	LAB*LABb	62.5	0.01	58.04	0.0

relative CIELAB lab*	lab*lab	0.75	0.0	0.0	0.75
	lab*lab <td>0.75<td>0.0<td>0.0</td><td>0.75</td></td></td>	0.75 <td>0.0<td>0.0</td><td>0.75</td></td>	0.0 <td>0.0</td> <td>0.75</td>	0.0	0.75
	lab*nch <td>0.625</td> <td>0.75</td> <td>0.25</td> <td>0.0</td>	0.625	0.75	0.25	0.0
	lab*nch <td>0.625</td> <td>0.75</td> <td>0.25</td> <td>0.0</td>	0.625	0.75	0.25	0.0
relative Natural Colour (NC)	lab*nlr	0.625	0.41	0.749	0.0
	lab*ncc	0.625	0.75	0.241	0.0
	lab*ncc	0.0	0.75	0.969	0.0

relative Inform. Technology (IT)	olvi3*	0.75	0.75	0.0	(1.0)
	olvi2*	0.25	0.25	0.75	(0.0)
	olvi4*	1.0 <td>1.0</td> <td>1.0</td> <td>(1.0)</td>	1.0	1.0	(1.0)
	olvi5*	0.0	0.0	0.75	(0.0)
standard and adapted CIELAB	LAB*LAB	47.04	0.0	58.04	0.0
	LAB*LABa	47.04	0.0	58.04	0.0
	LAB*LABb	37.51	0.01	58.04	0.0

relative CIELAB lab*	lab*lab	0.625	0.0	0.0	0.75
	lab*lab <td>0.625<td>0.0<td>0.0</td><td>0.75</td></td></td>	0.625 <td>0.0<td>0.0</td><td>0.75</td></td>	0.0 <td>0.0</td> <td>0.75</td>	0.0	0.75
	lab*nch <td>0.625</td> <td>0.75</td> <td>0.25</td> <td>0.0</td>	0.625	0.75	0.25	0.0
	lab*nch <td>0.625</td> <td>0.75</td> <td>0.25</td> <td>0.0</td>	0.625	0.75	0.25	0.0
relative Natural Colour (NC)	lab*nlr	0.625	0.41	0.749	0.0
	lab*ncc	0.625	0.75	0.241	0.0
	lab*ncc	0.0	0.75	0.969	0.0

relative Inform. Technology (IT)	olvi3*	0.5	0.5	0.0	(1.0)
	olvi2*	0.5 <td>0.5</td> <td>1.0</td> <td>(0.0)</td>	0.5	1.0	(0.0)
	olvi4*	1.0 <td>1.0</td> <td>1.0</td> <td>(1.0)</td>	1.0	1.0	(1.0)
	olvi5*	0.0 <td>0.0</td> <td>0.5</td> <td>(0.0)</td>	0.0	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	37.36	0.0	38.69	0.0
	LAB*LABa	37.36	0.0	38.69	0.0
	LAB*LABb	25.01	0.01	38.69	0.0

relative CIELAB lab*	lab*lab	0.5	0.25	0.0	0.5
	lab*lab <td>0.5<td>0.25<td>0.0</td><td>0.5</td></td></td>	0.5 <td>0.25<td>0.0</td><td>0.5</td></td>	0.25 <td>0.0</td> <td>0.5</td>	0.0	0.5
	lab*nch <td>0.5<td>0.25</td><td>0.25</td><td>0.0</td></td>	0.5 <td>0.25</td> <td>0.25</td> <td>0.0</td>	0.25	0.25	0.0
	lab*nch <td>0.5<td>0.25</td><td>0.25</td><td>0.0</td></td>	0.5 <td>0.25</td> <td>0.25</td> <td>0.0</td>	0.25	0.25	0.0
relative Natural Colour (NC)	lab*nlr	0.5 <td>0.127</td> <td>0.499</td> <td>0.0</td>	0.127	0.499	0.0
	lab*ncc	0.5 <td>0.25</td> <td>0.499</td> <td>0.0</td>	0.25	0.499	0.0
	lab*ncc	0.0	0.5	0.969	0.0

relative Inform. Technology (IT)	olvi3*	0.25	0.0	0.0	(1.0)
	olvi2*	0.75 <td>0.75</td> <td>1.0</td> <td>(0.0)</td>	0.75	1.0	(0.0)
	olvi4*	1.0 <td>1.0</td> <td>1.0</td> <td>(1.0)</td>	1.0	1.0	(1.0)
	olvi5*	0.0 <td>0.0</td> <td>0.25</td> <td>(0.0)</td>	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	27.69	0.0	19.34	0.0
	LAB*LABa	27.69	0.0	19.34	0.0
	LAB*LABb	12.5	0.01	19.34	0.0

relative CIELAB lab*	lab*lab	0.125	0.0	0.0	0.25
	lab*lab <td>0.125<td>0.0</td><td>0.0</td><td>0.25</td></td>	0.125 <td>0.0</td> <td>0.0</td> <td>0.25</td>	0.0	0.0	0.25
	lab*nch <td>0.125</td> <td>0.25</td> <td>0.25</td> <td>0.0</td>	0.125	0.25	0.25	0.0
	lab*nch <td>0.125</td> <td>0.25</td> <td>0.25</td> <td>0.0</td>	0.125	0.25	0.25	0.0
relative Natural Colour (NC)	lab*nlr	0.125	0.25	0.241	0.0
	lab*ncc	0.125	0.25	0.241	0.0
	lab*ncc	0.0	0.25	0.969	0.0

relative Inform. Technology (IT)	olvi3*	1.0	1.0	0.0	(1.0)
	olvi2*	0.0	0.0	1.0	(0.0)
	olvi4*	1.0 <td>1.0</td> <td>1.0</td> <td>(1.0)</td>	1.0	1.0	(1.0)
	olvi5*	0.0	0.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.04	0.0	58.04	0.0
	LAB*LABa	58.04	0.0	58.04	0.0
	LAB*LABb	50.00	0.01	58.04	0.0

relative CIELAB lab*	lab*lab	0.75	0.0	0.0	0.75
	lab*lab <td>0.75<td>0.0<td>0.0</td><td>0.75</td></td></td>	0.75 <td>0.0<td>0.0</td><td>0.75</td></td>	0.0 <td>0.0</td> <td>0.75</td>	0.0	0.75
	lab*nch <td>0.75<td>0.0</td><td>0.0</td><td>0.75</td></td>	0.75 <td>0.0</td> <td>0.0</td> <td>0.75</td>	0.0	0.0	0.75
	lab*nch <td>0.75<td>0.0</td><td>0.0</td><td>0.75</td></td>	0.75 <td>0.0</td> <td>0.0</td> <td>0.75</td>	0.0	0.0	0.75
relative Natural Colour (NC)	lab*nlr	0.75 <td>0.0</td> <td>0.0</td> <td>0.75</td>	0.0	0.0	0.75
	lab*ncc	0.75 <td>0.0</td> <td>0.0</td> <td>0.75</td>	0.0	0.0	0.75
	lab*ncc	0.0	0.75	0.969	0.0

relative Inform. Technology (IT)	olvi3*	1.0	1.0	0.0	(1.0)
	olvi2*	0.0	0.0	1.0	(0.0)
	olvi4*	1.0 <td>1.0</td> <td>1.0</td> <td>(1.0)</td>	1.0	1.0	(1.0)
	olvi5*	0.0	0.0	1.0	(0.0)
standard and adapted CIELAB	LAB*LAB	58.04	0.0	58.04	0.0
	LAB*LABa	58.04	0.0	58.04	0.0
	LAB*LABb	50.00	0.01	58.04	0.0

relative CIELAB lab*	lab*lab	0.5	0.0	0.0	0.5
	lab*lab <td>0.5<td>0.0<td>0.0</td><td>0.5</td></td></td>	0.5 <td>0.0<td>0.0</td><td>0.5</td></td>	0.0 <td>0.0</td> <td>0.5</td>	0.0	0.5
	lab*nch <td>0.5<td>0.0</td><td>0.0</td><td>0.5</td></td>	0.5 <td>0.0</td> <td>0.0</td> <td>0.5</td>	0.0	0.0	0.5
	lab*nch <td>0.5<td>0.0</td><td>0.0</td><td>0.5</td></td>	0.5 <td>0.0</td> <td>0.0</td> <td>0.5</td>	0.0	0.0	0.5
relative Natural Colour (NC)	lab*nlr	0.5 <td>0.0</td> <td>0.0</td> <td>0.5</td>	0.0	0.0	0.5
	lab*ncc	0.5 <td>0.0</td> <td>0.0</td> <td>0.5</td>	0.0	0.0	0.5
	lab*ncc	0.0	0.5	0.969	0.0

relative Inform. Technology (IT)	olvi3*	0.75	0.0	0.0	(1.0)
	olvi2*	0.25	0.25	1.0	(0.0)
	olvi4*	1.0 <td>1.0</td> <td>1.0</td> <td>(1.0)</td>	1.0	1.0	(1.0)
	olvi5*	0.0	0.0	0.25	(0.0)
standard and adapted CIELAB	LAB*LAB	47.04	0.0	58.04	0.0
	LAB*LABa	47.04	0.0	58.04	0.0
	LAB*LABb	37.51	0.01	58.04	0.0

relative CIELAB lab*	lab*lab	0.625	0.0	0.0	0.75
	lab*lab <td>0.625<td>0.0<td>0.0</td><td>0.75</td></td></td>	0.625 <td>0.0<td>0.0</td><td>0.75</td></td>	0.0 <td>0.0</td> <td>0.75</td>	0.0	0.75
	lab*nch <td>0.625<td>0.75</td><td>0.25</td><td>0.0</td></td>	0.625 <td>0.75</td> <td>0.25</td> <td>0.0</td>	0.75	0.25	0.0
	lab*nch <td>0.625<td>0.75</td><td>0.25</td><td>0.0</td></td>	0.625 <td>0.75</td> <td>0.25</td> <td>0.0</td>	0.75	0.25	0.0
relative Natural Colour (NC)	lab*nlr	0.625 <td>0.41</td> <td>0.749</td> <td>0.0</td>	0.41	0.749	0.0
	lab*ncc	0.625 <td>0.75</td> <td>0.241</td> <td>0.0</td>	0.75	0.241	0.0
	lab*ncc	0.0	0.75	0.969	0.0

relative Inform. Technology (IT)	olvi3*	0.5	0.0	0.0	(1.0)
	olvi2*	0.5 <td>0.0<td>1.0</td><td>(0.0)</td></td>	0.0 <td>1.0</td> <td>(0.0)</td>	1.0	(0.0)
	olvi4*	1.0 <td>1.0</td> <td>1.0</td> <td>(1.0)</td>	1.0	1.0	(1.0)
	olvi5*	0.0 <td>0.0</td> <td>0.5</td> <td>(0.0)</td>	0.0	0.5	(0.0)
standard and adapted CIELAB	LAB*LAB	37.51	0.0	38.69	0.0
	LAB*LABa	37.51	0.0	3	

Input: Colorimetric Standard Reflective System SRS18

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

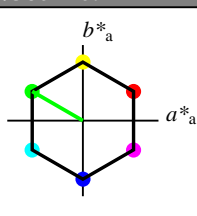
lab^*ch and lab^*nch

D65: hue L

LCH*Ma: 57 77 150

olv*Ma: 0.0 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 100$

SRS18; adapted (a) CIELAB data

Table with 6 columns: L*, a*a, b*a, C*ab,a, h*ab,a and 10 rows of colorimetric data (OMa to BCIE).

%Regularity

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

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

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 151/360 = 0.419$

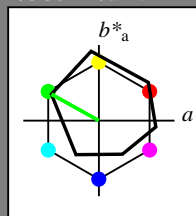
lab^*ch and lab^*nch

D65: hue L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

ORS18; adapted (a) CIELAB data

Table with 6 columns: L*, a*a, b*a, C*ab,a, h*ab,a and 10 rows of colorimetric data (OMa to BCIE).

%Regularity

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

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

See for similar files: http://www.ps.bam.de/NE57/ Technical information: http://www.ps.bam.de Version 2.1, io=1,1

BAM registration: 20060101-NE57/10Q/Q57E02NP.PS/.PDF application for evaluation and measurement of printer or monitor systems

NE57/ Form 3/10, Serie: 1/1, Page: 3 Page count: 3

relative Inform. Technology (IT) table for SRS18 (rows 1-4)

relative Inform. Technology (IT) table for SRS18 (rows 5-8)

relative Inform. Technology (IT) table for SRS18 (rows 9-12)

relative Inform. Technology (IT) table for SRS18 (rows 13-16)

relative Inform. Technology (IT) table for SRS18 (rows 17-20)

relative Inform. Technology (IT) table for SRS18 (rows 21-24)

relative Inform. Technology (IT) table for SRS18 (rows 25-28)

relative Inform. Technology (IT) table for SRS18 (rows 29-32)

relative Inform. Technology (IT) table for SRS18 (rows 33-36)

relative Inform. Technology (IT) table for SRS18 (rows 37-40)

relative Inform. Technology (IT) table for SRS18 (rows 1-4)

relative Inform. Technology (IT) table for SRS18 (rows 5-8)

relative Inform. Technology (IT) table for SRS18 (rows 9-12)

relative Inform. Technology (IT) table for SRS18 (rows 13-16)

relative Inform. Technology (IT) table for SRS18 (rows 17-20)

relative Inform. Technology (IT) table for SRS18 (rows 21-24)

relative Inform. Technology (IT) table for SRS18 (rows 25-28)

relative Inform. Technology (IT) table for SRS18 (rows 29-32)

relative Inform. Technology (IT) table for SRS18 (rows 33-36)

relative Inform. Technology (IT) table for SRS18 (rows 37-40)

relative Inform. Technology (IT) table for SRS18 (rows 1-4)

relative Inform. Technology (IT) table for SRS18 (rows 5-8)

relative Inform. Technology (IT) table for SRS18 (rows 9-12)

relative Inform. Technology (IT) table for SRS18 (rows 13-16)

relative Inform. Technology (IT) table for SRS18 (rows 17-20)

relative Inform. Technology (IT) table for SRS18 (rows 21-24)

NE570-7, 5 step scales for constant CIELAB hue 150/360 = 0.417 (left)

5 step scales for constant CIELAB hue 151/360 = 0.419 (right)

BAM-test chart NE57; Colorimetric systems SRS18 & ORS18

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

input: $olv^* setrgbcolor$

output: no change compared to input

Input: Colorimetric Standard Reflective System SRS18

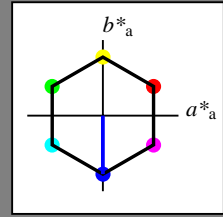
for hue $h^* = lab^*h = 270/360 = 0.75$
 lab^*ch and lab^*nch

D65: hue V

LCH*Ma: 57 77 270

olv*Ma: 0.0 0.0 1.0

triangle lightness t^*



% Gamut

$u^*_{rel} = 100$

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
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

%Regularity

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

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

relative Inform. Technology (IT)

olvi3*	1.0	1.0	1.0	1.0	1.0
olvi4*	0.0	0.0	0.0	0.0	0.0
olvi5*	0.0	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	95.41	0.0	0.0	0.0	0.0
LAB*LABa	95.41	0.0	0.0	0.0	0.0
LAB*LABb	95.41	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	1.0	1.0	1.0
olvi4*	0.5	0.5	1.0	1.0	1.0
olvi5*	0.25	0.25	1.0	1.0	1.0
olvi6*	0.0	0.0	1.0	1.0	1.0
olvi7*	0.0	0.0	1.0	1.0	1.0
olvi8*	0.0	0.0	1.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LABa	76.07	0.0	0.0	0.0	0.0
LAB*LABb	76.07	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.5	0.5	1.0	1.0	1.0
olvi4*	0.25	0.25	1.0	1.0	1.0
olvi5*	0.0	0.0	1.0	1.0	1.0
olvi6*	0.0	0.0	1.0	1.0	1.0
olvi7*	0.0	0.0	1.0	1.0	1.0
olvi8*	0.0	0.0	1.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	66.39	0.0	0.0	0.0	0.0
LAB*LABa	66.39	0.0	0.0	0.0	0.0
LAB*LABb	66.39	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.25	1.0	1.0	1.0
olvi4*	0.0	0.0	1.0	1.0	1.0
olvi5*	0.0	0.0	1.0	1.0	1.0
olvi6*	0.0	0.0	1.0	1.0	1.0
olvi7*	0.0	0.0	1.0	1.0	1.0
olvi8*	0.0	0.0	1.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0	0.0
LAB*LABb	56.71	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	1.0	1.0	1.0
olvi4*	0.0	0.0	1.0	1.0	1.0
olvi5*	0.0	0.0	1.0	1.0	1.0
olvi6*	0.0	0.0	1.0	1.0	1.0
olvi7*	0.0	0.0	1.0	1.0	1.0
olvi8*	0.0	0.0	1.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	47.04	0.0	0.0	0.0	0.0
LAB*LABa	47.04	0.0	0.0	0.0	0.0
LAB*LABb	47.04	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.75	0.75	1.0
olvi4*	0.0	0.0	0.5	0.5	1.0
olvi5*	0.0	0.0	0.25	0.25	1.0
olvi6*	0.0	0.0	0.0	0.0	1.0
olvi7*	0.0	0.0	0.0	0.0	1.0
olvi8*	0.0	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	37.30	0.0	0.0	0.0	0.0
LAB*LABa	37.30	0.0	0.0	0.0	0.0
LAB*LABb	37.30	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	0.75	1.0
olvi4*	0.0	0.0	0.0	0.5	1.0
olvi5*	0.0	0.0	0.0	0.25	1.0
olvi6*	0.0	0.0	0.0	0.0	1.0
olvi7*	0.0	0.0	0.0	0.0	1.0
olvi8*	0.0	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	27.69	0.0	0.0	0.0	0.0
LAB*LABa	27.69	0.0	0.0	0.0	0.0
LAB*LABb	27.69	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	0.0	0.75
olvi4*	0.0	0.0	0.0	0.0	0.5
olvi5*	0.0	0.0	0.0	0.0	0.25
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LABa	18.03	0.0	0.0	0.0	0.0
LAB*LABb	18.03	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	0.0	0.0
olvi4*	0.0	0.0	0.0	0.0	0.0
olvi5*	0.0	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	9.01	0.0	0.0	0.0	0.0
LAB*LABa	9.01	0.0	0.0	0.0	0.0
LAB*LABb	9.01	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	0.0	0.0
olvi4*	0.0	0.0	0.0	0.0	0.0
olvi5*	0.0	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	0.0	0.0	0.0	0.0	0.0
LAB*LABa	0.0	0.0	0.0	0.0	0.0
LAB*LABb	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	1.0	1.0
olvi4*	0.5	0.5	0.5	1.0	1.0
olvi5*	0.25	0.25	0.25	1.0	1.0
olvi6*	0.0	0.0	0.0	1.0	1.0
olvi7*	0.0	0.0	0.0	1.0	1.0
olvi8*	0.0	0.0	0.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LABa	76.07	0.0	0.0	0.0	0.0
LAB*LABb	76.07	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.5	0.5	0.5	1.0	1.0
olvi4*	0.25	0.25	0.25	1.0	1.0
olvi5*	0.0	0.0	0.0	1.0	1.0
olvi6*	0.0	0.0	0.0	1.0	1.0
olvi7*	0.0	0.0	0.0	1.0	1.0
olvi8*	0.0	0.0	0.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	66.39	0.0	0.0	0.0	0.0
LAB*LABa	66.39	0.0	0.0	0.0	0.0
LAB*LABb	66.39	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.25	0.25	0.25	1.0	1.0
olvi4*	0.0	0.0	0.0	1.0	1.0
olvi5*	0.0	0.0	0.0	1.0	1.0
olvi6*	0.0	0.0	0.0	1.0	1.0
olvi7*	0.0	0.0	0.0	1.0	1.0
olvi8*	0.0	0.0	0.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	56.71	0.0	0.0	0.0	0.0
LAB*LABa	56.71	0.0	0.0	0.0	0.0
LAB*LABb	56.71	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	0.75	1.0
olvi4*	0.0	0.0	0.0	0.5	1.0
olvi5*	0.0	0.0	0.0	0.25	1.0
olvi6*	0.0	0.0	0.0	0.0	1.0
olvi7*	0.0	0.0	0.0	0.0	1.0
olvi8*	0.0	0.0	0.0	0.0	1.0

standard and adapted CIELAB

LAB*LAB	47.04	0.0	0.0	0.0	0.0
LAB*LABa	47.04	0.0	0.0	0.0	0.0
LAB*LABb	47.04	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	0.0	0.75
olvi4*	0.0	0.0	0.0	0.0	0.5
olvi5*	0.0	0.0	0.0	0.0	0.25
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	37.30	0.0	0.0	0.0	0.0
LAB*LABa	37.30	0.0	0.0	0.0	0.0
LAB*LABb	37.30	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	0.0	0.0
olvi4*	0.0	0.0	0.0	0.0	0.0
olvi5*	0.0	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LABa	18.03	0.0	0.0	0.0	0.0
LAB*LABb	18.03	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	0.0	0.0
olvi4*	0.0	0.0	0.0	0.0	0.0
olvi5*	0.0	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	9.01	0.0	0.0	0.0	0.0
LAB*LABa	9.01	0.0	0.0	0.0	0.0
LAB*LABb	9.01	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.0	0.0	0.0	0.0	0.0
olvi4*	0.0	0.0	0.0	0.0	0.0
olvi5*	0.0	0.0	0.0	0.0	0.0
olvi6*	0.0	0.0	0.0	0.0	0.0
olvi7*	0.0	0.0	0.0	0.0	0.0
olvi8*	0.0	0.0	0.0	0.0	0.0

standard and adapted CIELAB

LAB*LAB	0.0	0.0	0.0	0.0	0.0
LAB*LABa	0.0	0.0	0.0	0.0	0.0
LAB*LABb	0.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

olvi3*	0.75	0.75	0.75	1.0	1.0
olvi4*	0.5	0.5	0.5	1.0	1.0
olvi5*	0.25	0.25	0.25	1.0	1.0
olvi6*	0.0	0.0	0.0	1.0	1.0
olvi7*	0.0	0.0	0.0	1.0	1.0
olvi8*	0.0	0.0	0.0	1.0	1.0

standard and adapted CIELAB

LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LABa	76.07	0.0	0.0	0.0	0.0
LAB*LABb	76.07	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

Input: Colorimetric Standard Reflective System SRS18

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

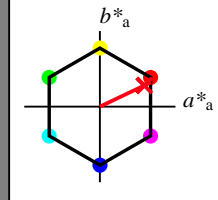
lab^*ch and lab^*nch

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)	obv1*	1.0	1.0	1.0	(1.0)
cmv2*	0.0	0.0	0.0	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0	0.0
cmv5*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	95.41	0.0	0.0	0.0
LAB*LAB	95.41	0.0	0.0	0.0	0.0
LAB*LAB	99.99	0.01	-	-	-
relative CIELAB lab*	lab*lab	1.0	0.0	0.0	0.0
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*lab	1.0	0.0	0.0	0.0	0.0
relative Natural Colour (NC)	lab*lab	1.0	0.0	0.0	0.0
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*lab	1.0	0.0	0.0	0.0	0.0
lab*lab	1.0	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv1*	1.0	0.75	0.75	1.0	(1.0)
cmv2*	0.0	0.25	0.25	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.25	0.25	0.0	0.0
cmv5*	0.0	0.25	0.25	0.0	0.0
standard and adapted CIELAB	LAB*LAB	76.07	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv1*	0.75	0.75	0.75	1.0	(1.0)
cmv2*	0.0	0.25	0.25	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.25	0.25	0.0	0.0
cmv5*	0.0	0.25	0.25	0.0	0.0
standard and adapted CIELAB	LAB*LAB	76.07	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv1*	0.75	0.75	0.75	1.0	(1.0)
cmv2*	0.0	0.25	0.25	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.25	0.25	0.0	0.0
cmv5*	0.0	0.25	0.25	0.0	0.0
standard and adapted CIELAB	LAB*LAB	76.07	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0
LAB*LAB	76.07	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv1*	0.5	0.5	0.5	1.0	(1.0)
cmv2*	0.0	0.5	0.5	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.5	0.5	0.0	0.0
cmv5*	0.0	0.5	0.5	0.0	0.0
standard and adapted CIELAB	LAB*LAB	56.72	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv1*	0.5	0.5	0.5	1.0	(1.0)
cmv2*	0.0	0.5	0.5	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.5	0.5	0.0	0.0
cmv5*	0.0	0.5	0.5	0.0	0.0
standard and adapted CIELAB	LAB*LAB	56.72	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0	0.0
LAB*LAB	56.72	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv1*	0.25	0.25	0.25	1.0	(1.0)
cmv2*	0.0	0.25	0.25	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.25	0.25	0.0	0.0
cmv5*	0.0	0.25	0.25	0.0	0.0
standard and adapted CIELAB	LAB*LAB	37.37	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv1*	0.25	0.25	0.25	1.0	(1.0)
cmv2*	0.0	0.25	0.25	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.25	0.25	0.0	0.0
cmv5*	0.0	0.25	0.25	0.0	0.0
standard and adapted CIELAB	LAB*LAB	37.37	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0	0.0
LAB*LAB	37.37	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv1*	0.0	0.0	0.0	1.0	(1.0)
cmv2*	0.0	0.0	0.0	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0	0.0
cmv5*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	18.03	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0	0.0

relative Inform. Technology (IT)

obv1*	0.0	0.0	0.0	1.0	(1.0)
cmv2*	0.0	0.0	0.0	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.0	0.0	0.0	0.0
cmv5*	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB*LAB	18.03	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0	0.0
LAB*LAB	18.03	0.0	0.0	0.0	0.0

SRS18; adapted (a) CIELAB data

L^*	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)	obv1*	1.0	0.5	0.544	(1.0)
cmv2*	0.0	0.5	0.544	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.5	0.544	0.0	0.0
cmv5*	0.0	0.5	0.544	0.0	0.0
standard and adapted CIELAB	LAB*LAB	76.06	33.51	15.97	15.97
LAB*LAB	76.06	33.51	15.97	15.97	15.97
LAB*LAB	76.06	33.51	15.97	15.97	15.97
LAB*LAB	76.06	33.51	15.97	15.97	15.97
LAB*LAB	76.06	33.51	15.97	15.97	15.97
LAB*LAB	76.06	33.51	15.97	15.97	15.97

relative Inform. Technology (IT)

obv1*	1.0	0.5	0.544	(1.0)	
cmv2*	0.0	0.5	0.544	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.5	0.544	0.0	0.0
cmv5*	0.0	0.5	0.544	0.0	0.0
standard and adapted CIELAB	LAB*LAB	76.06	33.51	15.97	15.97
LAB*LAB	76.06	33.51	15.97	15.97	15.97
LAB*LAB	76.06	33.51	15.97	15.97	15.97
LAB*LAB	76.06	33.51	15.97	15.97	15.97
LAB*LAB	76.06	33.51	15.97	15.97	15.97
LAB*LAB	76.06	33.51	15.97	15.97	15.97

relative Inform. Technology (IT)

obv1*	0.75	0.75	0.75	1.0	(1.0)
cmv2*	0.0	0.25	0.25	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.25	0.25	0.0	0.0
cmv5*	0.0	0.25	0.25	0.0	0.0
standard and adapted CIELAB	LAB*LAB	56.38	33.51	15.97	15.97
LAB*LAB	56.38	33.51	15.97	15.97	15.97
LAB*LAB	56.38	33.51	15.97	15.97	15.97
LAB*LAB	56.38	33.51	15.97	15.97	15.97
LAB*LAB	56.38	33.51	15.97	15.97	15.97
LAB*LAB	56.38	33.51	15.97	15.97	15.97

relative Inform. Technology (IT)

obv1*	0.5	0.5	0.544	(1.0)	
cmv2*	0.0	0.5	0.544	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.5	0.544	0.0	0.0
cmv5*	0.0	0.5	0.544	0.0	0.0
standard and adapted CIELAB	LAB*LAB	56.38	33.51	15.97	15.97
LAB*LAB	56.38	33.51	15.97	15.97	15.97
LAB*LAB	56.38	33.51	15.97	15.97	15.97
LAB*LAB	56.38	33.51	15.97	15.97	15.97
LAB*LAB	56.38	33.51	15.97	15.97	15.97
LAB*LAB	56.38	33.51	15.97	15.97	15.97

relative Inform. Technology (IT)

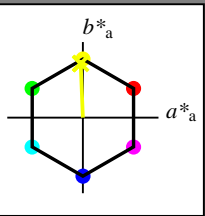
obv1*	0.25	0.25	0.544	(1.0)	
cmv2*	0.0	0.25	0.544	0.0	0.0
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.25	0.544	0.0	0.0
cmv5*	0.0	0.25	0.544	0.0	0.0
standard and adapted CIELAB	LAB*LAB	37.37	33.51	15.97	15.97
LAB*LAB	37.37	33.51	15.97	15.97	15.97
LAB*LAB	37.37	33.51	15.97	15.97	15.97
LAB*LAB	37.37	33.51	15.97	15.97	15.97
LAB*LAB	37.37	33.51	15.97	15.97	15.97
LAB*LAB	37.37	33.51	15.97	15.97	15.97

relative Inform. Technology (IT)

obv1*	0.5	0.0	0.903 <th>0.43</th> <th>(0.903 0.43)</th>	0.43	(0.903 0.43)
cmv2*	0.0	0.5	0.903	0.43	0.43
obv3*	1.0	1.0	1.0	1.0	1.0
cmv4*	0.0	0.5	0.903	0.43	0.43
cmv5*	0.0	0.5	0.903	0.43	0.43
standard and adapted CIELAB	LAB*LAB	56.71	67.02	31.94	31.94
LAB*LAB	56.71	67.02	31.94	31.94	31.94
LAB*LAB	56.71	67.02	31.94	31.94	31.94
LAB*LAB	56.71	67.02	31.94	31.94	31.94
LAB*LAB	56.71	67.02	31.94	31	

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^*



relative Inform. Technology (IT)
 olv^{3*} 1.0 1.0 1.0 (1.0)
 cmyns^{3*} 0.0 0.0 0.0 (0.0)
 olv^{4*} 1.0 1.0 1.0 1.0
 cmyns^{4*} 0.0 0.0 0.0 0.0
 standard and adapted CIE LAB
 LAB*LAB 95.41 0.0 0.0
 LAB*LABa 95.41 0.0 0.0
 LAB*TCa 99.99 0.01

relative CIE LAB lab*
 lab*lab 1.0 0.0 0.0
 lab*lab 1.0 0.0 0.0
 lab*lab 1.0 0.0 0.0
 lab*nch 0.0 0.0 -

relative Inform. Technology (IT)
 olv^{3*} 0.75 0.75 0.75 (1.0)
 cmyns^{3*} 0.25 0.25 0.25 (0.0)
 olv^{4*} 1.0 1.0 1.0 0.75
 cmyns^{4*} 0.0 0.0 0.0 0.25
 standard and adapted CIE LAB
 LAB*LAB 76.07 0.0 0.0
 LAB*LABa 76.07 0.0 0.0
 LAB*TCa 75.00 0.01

relative CIE LAB lab*
 lab*lab 0.75 0.0 0.0
 lab*lab 0.75 0.0 0.0
 lab*nch 0.25 0.0 -

relative Inform. Technology (IT)
 olv^{3*} 0.5 0.5 0.5 (0.0)
 cmyns^{3*} 0.5 0.5 0.5 (0.0)
 olv^{4*} 1.0 1.0 1.0 0.5
 cmyns^{4*} 0.0 0.0 0.0 0.5
 standard and adapted CIE LAB
 LAB*LAB 56.72 0.0 0.0
 LAB*LABa 56.72 0.0 0.0
 LAB*TCa 50.00 0.01

relative CIE LAB lab*
 lab*lab 0.5 0.0 0.0
 lab*nch 0.5 0.0 0.0

relative Inform. Technology (IT)
 olv^{3*} 0.25 0.25 0.25 (1.0)
 cmyns^{3*} 0.75 0.75 0.75 (0.0)
 olv^{4*} 1.0 1.0 1.0 0.25
 cmyns^{4*} 0.0 0.0 0.0 0.75
 standard and adapted CIE LAB
 LAB*LAB 37.37 0.0 0.0
 LAB*LABa 37.37 0.0 0.0
 LAB*TCa 25.00 0.01

relative CIE LAB lab*
 lab*lab 0.25 0.0 0.0
 lab*nch 0.25 0.0 0.0

relative Inform. Technology (IT)
 olv^{3*} 0.0 0.0 0.0 (1.0)
 cmyns^{3*} 1.0 1.0 1.0 (0.0)
 olv^{4*} 1.0 1.0 1.0 0.0
 cmyns^{4*} 0.0 0.0 0.0 1.0
 standard and adapted CIE LAB
 LAB*LAB 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*TCa 0.00 0.01

relative CIE LAB lab*
 lab*lab 0.0 0.0 0.0
 lab*nch 1.0 0.0 0.0

relative Inform. Technology (IT)
 olv^{3*} 0.0 0.0 0.0 (1.0)
 cmyns^{3*} 1.0 1.0 1.0 (0.0)
 olv^{4*} 1.0 1.0 1.0 0.0
 cmyns^{4*} 0.0 0.0 0.0 1.0
 standard and adapted CIE LAB
 LAB*LAB 18.03 0.0 0.0
 LAB*LABa 18.03 0.0 0.0
 LAB*TCa 0.00 0.01

relative Inform. Technology (IT)
 olv^{3*} 0.989 1.0 0.75 (1.0)
 cmyns^{3*} 0.011 0.0 0.25 (0.0)
 olv^{4*} 0.989 1.0 0.75 (1.0)
 cmyns^{4*} 0.011 0.0 0.25 (0.0)
 standard and adapted CIE LAB
 LAB*LAB 85.73 -0.75 18.91
 LAB*LABa 85.73 -0.75 18.91
 LAB*TCa 87.5 18.92 92.29

relative CIE LAB lab*
 lab*lab 0.875 0.25 0.256
 lab*nch 0.0 0.25 0.256
 lab*nch 0.0 0.25 0.256
 lab*nch 0.0 0.25 0.256
 lab*lab 0.875 0.0 0.25
 lab*nch 0.875 0.0 0.25
 lab*nch 0.0 0.25 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.729 0.75 0.5 (1.0)
 cmyns^{3*} 0.271 0.0 0.5 (0.0)
 olv^{4*} 0.989 1.0 0.75 (0.75)
 cmyns^{4*} 0.011 0.0 0.25 (0.25)
 standard and adapted CIE LAB
 LAB*LAB 66.39 -0.75 18.91
 LAB*LABa 66.39 -0.75 18.91
 LAB*TCa 62.5 18.92 92.31

relative CIE LAB lab*
 lab*lab 0.489 0.5 0.25 (1.0)
 lab*nch 0.625 0.25 0.256
 lab*nch 0.25 0.25 0.256
 lab*nch 0.25 0.25 0.256
 lab*nch 0.25 0.25 0.256
 lab*nch 0.25 0.25 0.256
 lab*nch 0.25 0.25 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.489 0.5 0.25 (1.0)
 cmyns^{3*} 0.511 0.5 0.75 (0.0)
 olv^{4*} 0.989 1.0 0.75 (0.5)
 cmyns^{4*} 0.011 0.0 0.25 (0.5)
 standard and adapted CIE LAB
 LAB*LAB 47.00 -0.75 18.91
 LAB*LABa 47.00 -0.75 18.91
 LAB*TCa 37.5 18.92 92.31

relative CIE LAB lab*
 lab*lab 0.375 -0.029 0.25
 lab*nch 0.375 0.25 0.256
 lab*nch 0.375 0.25 0.256
 lab*nch 0.375 0.25 0.256
 lab*nch 0.375 0.25 0.256
 lab*nch 0.375 0.25 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.477 0.5 0.0 (1.0)
 cmyns^{3*} 0.523 0.0 0.0 (0.0)
 olv^{4*} 0.977 1.0 0.5 (0.75)
 cmyns^{4*} 0.023 0.0 0.5 (0.25)
 standard and adapted CIE LAB
 LAB*LAB 37.36 -1.52 37.81
 LAB*LABa 37.36 -1.52 37.81
 LAB*TCa 25.01 37.84 92.31

relative CIE LAB lab*
 lab*lab 0.375 -0.029 0.499
 lab*nch 0.25 0.5 0.256
 lab*nch 0.25 0.5 0.256
 lab*nch 0.25 0.5 0.256
 lab*nch 0.25 0.5 0.256
 lab*nch 0.25 0.5 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.125 -0.009 0.25
 cmyns^{3*} 0.125 0.0 0.256
 olv^{4*} 0.989 1.0 0.25 0.256
 cmyns^{4*} 0.011 0.0 0.25 0.75
 standard and adapted CIE LAB
 LAB*LAB 27.69 -0.75 18.9
 LAB*LABa 27.69 -0.75 18.9
 LAB*TCa 12.5 18.92 92.31

relative CIE LAB lab*
 lab*lab 0.125 -0.009 0.25
 lab*nch 0.125 0.25 0.256
 lab*nch 0.125 0.25 0.256
 lab*nch 0.125 0.25 0.256
 lab*nch 0.125 0.25 0.256
 lab*nch 0.125 0.25 0.256

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
RC _{IE}	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

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

relative Inform. Technology (IT)
 olv^{3*} 0.977 1.0 0.5 (1.0)
 cmyns^{3*} 0.023 0.0 0.5 (0.0)
 olv^{4*} 0.977 1.0 0.5 1.0
 cmyns^{4*} 0.0 0.0 0.5 0.25
 standard and adapted CIE LAB
 LAB*LAB 76.06 -1.51 37.81
 LAB*LABa 76.06 -1.51 37.81
 LAB*TCa 75.0 37.84 92.3

relative CIE LAB lab*
 lab*lab 0.75 -0.019 0.499
 lab*nch 0.75 0.5 0.256
 lab*nch 0.75 0.5 0.256
 lab*nch 0.0 0.5 0.256
 lab*nch 0.0 0.5 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.966 1.0 0.25 (1.0)
 cmyns^{3*} 0.034 0.0 0.75 (0.0)
 olv^{4*} 0.966 1.0 0.25 1.0
 cmyns^{4*} 0.034 0.0 0.75 0.0
 standard and adapted CIE LAB
 LAB*LAB 66.38 -2.27 36.72
 LAB*LABa 66.38 -2.27 36.72
 LAB*TCa 62.5 36.77 92.31

relative CIE LAB lab*
 lab*lab 0.625 -0.029 0.749
 lab*nch 0.625 0.75 0.256
 lab*nch 0.625 0.75 0.256
 lab*nch 0.0 0.75 0.256
 lab*nch 0.0 0.75 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.954 1.0 0.0 (1.0)
 cmyns^{3*} 0.046 0.0 1.0 (0.0)
 olv^{4*} 0.955 1.0 0.0 1.0
 cmyns^{4*} 0.0 0.0 0.0 0.0
 standard and adapted CIE LAB
 LAB*LAB 56.71 -3.04 75.62
 LAB*LABa 56.71 -3.04 75.62
 LAB*TCa 50.0 75.69 92.31

relative CIE LAB lab*
 lab*lab 0.5 -0.039 0.999
 lab*nch 0.5 1.0 0.256
 lab*nch 0.5 1.0 0.256
 lab*nch 0.0 1.0 0.256
 lab*nch 0.0 1.0 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.284 0.25 1.0 (0.0)
 cmyns^{3*} 0.966 1.0 0.75 0.75
 olv^{4*} 0.955 1.0 0.75 0.25
 cmyns^{4*} 0.025 0.0 0.5 0.5
 standard and adapted CIE LAB
 LAB*LAB 47.04 -2.28 36.72
 LAB*LABa 47.04 -2.28 36.72
 LAB*TCa 37.51 36.77 92.31

relative CIE LAB lab*
 lab*lab 0.375 -0.029 0.749
 lab*nch 0.375 0.75 0.256
 lab*nch 0.375 0.75 0.256
 lab*nch 0.25 0.75 0.256
 lab*nch 0.25 0.75 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.716 0.75 0.0 (1.0)
 cmyns^{3*} 0.284 0.25 1.0 (0.0)
 olv^{4*} 0.966 1.0 0.75 0.25
 cmyns^{4*} 0.025 0.0 0.5 0.25
 standard and adapted CIE LAB
 LAB*LAB 47.04 -2.28 36.72
 LAB*LABa 47.04 -2.28 36.72
 LAB*TCa 37.51 36.77 92.31

%Regularity
 $n^* = 0.00$
 $n^* = 0.25$

relative Inform. Technology (IT)
 olv^{3*} 0.716 0.75 0.0 (1.0)
 cmyns^{3*} 0.284 0.25 1.0 (0.0)
 olv^{4*} 0.966 1.0 0.75 0.25
 cmyns^{4*} 0.025 0.0 0.5 0.25
 standard and adapted CIE LAB
 LAB*LAB 47.04 -2.28 36.72
 LAB*LABa 47.04 -2.28 36.72
 LAB*TCa 37.51 36.77 92.31

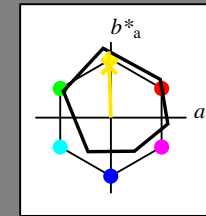
relative CIE LAB lab*
 lab*lab 0.375 -0.029 0.749
 lab*nch 0.375 0.75 0.256
 lab*nch 0.375 0.75 0.256
 lab*nch 0.25 0.75 0.256
 lab*nch 0.25 0.75 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.5 0.5 0.0 (1.0)
 cmyns^{3*} 0.5 0.5 0.0 (0.0)
 olv^{4*} 1.0 1.0 0.0 0.5
 cmyns^{4*} 0.0 0.0 0.5 0.5
 standard and adapted CIE LAB
 LAB*LAB 37.51 0.0 0.75
 LAB*LABa 37.51 0.0 0.75
 LAB*TCa 50.0 0.75 92.31

relative CIE LAB lab*
 lab*lab 0.5 0.0 0.0
 lab*nch 0.5 0.0 0.0

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 92/360 = 0.255$
 lab^*tch and lab^*nch
 D65: hue J
 LCH*Ma: 86 88 92
 olv*Ma: 1.0 0.9 0.0
 triangle lightness t^*



relative Inform. Technology (IT)
 olv^{3*} 1.0 1.0 1.0 (1.0)
 cmyns^{3*} 0.0 0.0 0.0 (0.0)
 olv^{4*} 1.0 1.0 1.0 1.0
 cmyns^{4*} 0.0 0.0 0.0 0.0
 standard and adapted CIE LAB
 LAB*LAB 95.41 0.0 0.0
 LAB*LABa 95.41 0.0 0.0
 LAB*TCa 99.99 0.01

relative CIE LAB lab*
 lab*lab 1.0 0.0 0.0
 lab*lab 1.0 0.0 0.0
 lab*lab 1.0 0.0 0.0
 lab*nch 0.0 0.0 -

relative Inform. Technology (IT)
 olv^{3*} 0.75 0.75 0.75 (1.0)
 cmyns^{3*} 0.25 0.25 0.25 (0.0)
 olv^{4*} 1.0 1.0 1.0 0.75
 cmyns^{4*} 0.0 0.0 0.0 0.25
 standard and adapted CIE LAB
 LAB*LAB 76.06 -0.61 34.4
 LAB*LABa 76.06 -0.61 34.4
 LAB*TCa 75.0 0.01

relative CIE LAB lab*
 lab*lab 0.75 0.0 0.0
 lab*lab 0.75 0.0 0.0
 lab*nch 0.25 0.0 -

relative Inform. Technology (IT)
 olv^{3*} 0.729 0.75 0.5 (1.0)
 cmyns^{3*} 0.271 0.0 0.5 (0.0)
 olv^{4*} 1.0 1.0 1.0 0.75
 cmyns^{4*} 0.0 0.0 0.0 0.25
 standard and adapted CIE LAB
 LAB*LAB 66.39 -0.75 18.91
 LAB*LABa 66.39 -0.75 18.91
 LAB*TCa 62.5 18.92 92.31

relative CIE LAB lab*
 lab*lab 0.489 0.5 0.25 (1.0)
 lab*nch 0.625 0.25 0.256
 lab*nch 0.25 0.25 0.256
 lab*nch 0.25 0.25 0.256
 lab*nch 0.25 0.25 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.489 0.5 0.25 (1.0)
 cmyns^{3*} 0.511 0.5 0.75 (0.0)
 olv^{4*} 0.989 1.0 0.75 (0.5)
 cmyns^{4*} 0.011 0.0 0.25 (0.5)
 standard and adapted CIE LAB
 LAB*LAB 47.00 -0.75 18.91
 LAB*LABa 47.00 -0.75 18.91
 LAB*TCa 37.5 18.92 92.31

relative CIE LAB lab*
 lab*lab 0.375 -0.029 0.499
 lab*nch 0.375 0.25 0.256
 lab*nch 0.375 0.25 0.256
 lab*nch 0.375 0.25 0.256
 lab*nch 0.375 0.25 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.477 0.5 0.0 (1.0)
 cmyns^{3*} 0.523 0.0 0.0 (0.0)
 olv^{4*} 0.977 1.0 0.5 (0.75)
 cmyns^{4*} 0.023 0.0 0.5 (0.25)
 standard and adapted CIE LAB
 LAB*LAB 37.36 -1.52 37.81
 LAB*LABa 37.36 -1.52 37.81
 LAB*TCa 25.01 37.84 92.31

relative CIE LAB lab*
 lab*lab 0.375 -0.029 0.999
 lab*nch 0.375 0.75 0.256
 lab*nch 0.375 0.75 0.256
 lab*nch 0.0 0.75 0.256
 lab*nch 0.0 0.75 0.256

relative Inform. Technology (IT)
 olv^{3*} 0.284 0.25 1.0 (0.0)
 cmyns^{3*} 0.966 1.0 0.75 0.75
 olv^{4*} 0.955 1.0 0.75 0.25
 cmyns^{4*} 0.025 0.0 0.5 0.5
 standard and adapted CIE LAB
 LAB*LAB 47.04 -2.28 36.72
 LAB*LABa 47.04 -2.28 36.72
 LAB*TCa 37.51 36.77 92.31

relative CIE LAB lab*
 lab*lab 0.375 -0.029 0.749
 lab*nch 0.375 0.75 0.256
 lab*nch 0.375 0.75 0.256
 lab*nch 0.25 0.75 0.256
 lab*nch 0.25 0.75 0.256

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 92/360 = 0.255$
 lab^*tch and lab^*nch
 D65: hue J
 LCH*Ma: 86 88 92
 olv*Ma: 1.0 0.9 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
RC _{IE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

%Regularity
 $g^*_{H,rel} = 57$
 $g^*_{C,rel} = 59$

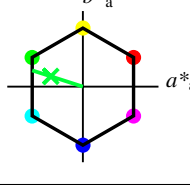
relative Inform. Technology (IT)
 olv^{3*} 1.0 0.975 0.75 (1.0)
 cmyns^{3*} 0.0 0.025 0.25 (0.0)
 olv^{4*} 1.0 0.975 0.75 1.0
 cmyns^{4*} 0.0 0.025 0.25 0.0
 standard and adapted CIE LAB
 LAB*LAB 93.1 -1.64 26.52
 LAB*LABa 93.1 -1.64 26.52
 LAB*TCa 87.5 21.93 91.85

relative CIE LAB lab*
 lab*lab 0.97

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^*



SRS18; adapted (a) CIELAB data table with columns L*, a*, b*, C*ab,a, h*ab,a and rows for various color patches (QMa to BCIe).

%Regularity

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

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

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

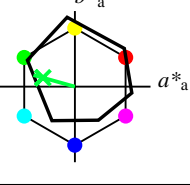
relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

Output: Colorimetric Offset Reflective System ORS18

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

D65: hue G
LCH*Ma: 53 57 164
olv*Ma: 0.0 1.0 0.25
triangle lightness t^*



ORS18; adapted (a) CIELAB data table with columns L*, a*, b*, C*ab,a, h*ab,a and rows for various color patches (QMa to BCIe).

%Regularity

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

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

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

relative Inform. Technology (IT) table with columns for colorimetric parameters.

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 SRS18 & ORS18
D65: 2 coordinate data of 5 step colour scales for 10 hues

input: $olv^* setrgbcolor$
output: no change compared to input

See for similar files: http://www.ps.bam.de/NE57/ Technical information: http://www.ps.bam.de Version 2.1, io=1,1

