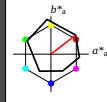


Eingabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$
 lab^*tch und lab^*nch

D65: Buntton O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

%Regelartit

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

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

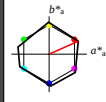
ORS18; adaptierte CIELAB-Daten	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Oma	47.94	65.37	50.52	82.62	38
Yma	90.37	-10.27	91.77	92.34	96
Lma	50.9	-62.79	34.95	71.87	151
Cma	58.62	-30.35	-45.01	54.3	236
Vma	25.71	31.11	-44.42	54.24	305
Mma	48.13	75.27	-8.35	75.73	354
Nma	18.01	0.0	0.0	0.0	0
Wma	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
ICIE	81.26	-2.17	67.76	67.79	92
GCIE	52.23	-42.26	11.75	43.87	164
BCIE	30.57	1.15	-46.84	46.87	271

Ausgabe: Farbmetrisches Reflexions-System NRS11

für Buntton $h^* = lab^*h = 24/360 = 0.067$
 lab^*tch und lab^*nch

D65: Buntton R
LCH*Ma: 53 84 24
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 119$

%Regelartit

$g^*_{H,rel} = 47$

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

NRS11; adaptierte CIELAB-Daten	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
Rma	53.2	77.06	34.32	84.36	24
Yma	53.2	-1.51	84.38	84.39	91
Gma	53.2	-82.27	18.98	84.44	167
G50Bma	53.2	-77.72	-32.98	84.44	203
Bma	53.2	4.37	-84.28	84.41	273
B50Rma	53.2	69.09	-48.41	84.37	325
Nma	10.99	0.0	0.0	0.0	0
Wma	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
ICIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272

relative Inform. Technology (IT)	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$
$olv3^*$	1.0	1.0	1.0	1.0	1.0
$olv3^*$	0.0	0.0	0.0	0.0	0.0
$olv4^*$	1.0	1.0	1.0	1.0	1.0
$olv4^*$	0.0	0.0	0.0	0.0	0.0
standard and adapted CIELAB	LAB^*	LAB^*	LAB^*	LAB^*	LAB^*
LAB^*	95.41	0.0	-0.01		
LAB^*	95.41	0.0	0.0		
LAB^*	95.99	0.01	-		
relative CIELAB lab*	lab^*	lab^*	lab^*	lab^*	lab^*
lab^*	1.0	0.0	0.0		
lab^*	1.0	0.0	-		
lab^*	0.0	0.0	-		
relative Natural Colour (NC)	lab^*	lab^*	lab^*	lab^*	lab^*
lab^*	1.0	0.0	0.0		
lab^*	1.0	0.0	-		
lab^*	0.0	0.0	-		

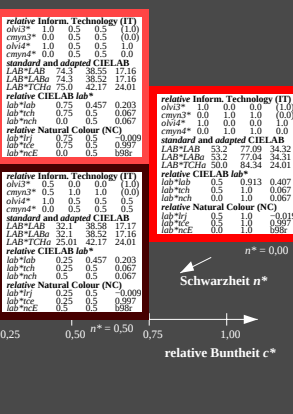
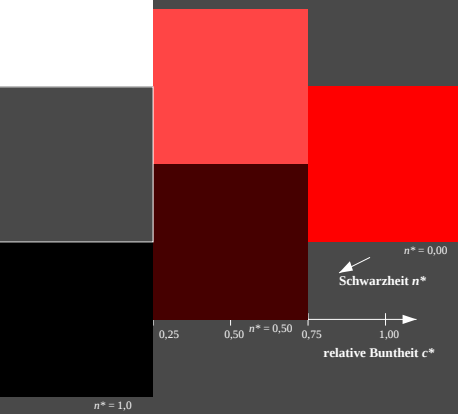
relative Inform. Technology (IT)	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$
$olv3^*$	1.0	0.5	0.5	1.0	1.0
$olv3^*$	0.0	0.5	0.5	0.0	0.0
$olv4^*$	1.0	0.5	0.5	1.0	1.0
$olv4^*$	0.0	0.5	0.5	0.0	0.0
standard and adapted CIELAB	LAB^*	LAB^*	LAB^*	LAB^*	LAB^*
LAB^*	74.3	38.55	17.16		
LAB^*	74.3	38.55	17.16		
LAB^*	75.0	42.17	24.01		
relative CIELAB lab*	lab^*	lab^*	lab^*	lab^*	lab^*
lab^*	0.75	0.457	0.203		
lab^*	0.75	0.5	0.067		
lab^*	0.0	0.5	0.067		
lab^*	0.75	0.5	-0.009		
lab^*	0.75	0.5	0.997		
lab^*	0.0	0.5	0.998		

relative Inform. Technology (IT)	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$
$olv3^*$	1.0	0.0	1.0	1.0	1.0
$olv3^*$	0.0	1.0	1.0	0.0	0.0
$olv4^*$	1.0	0.0	1.0	1.0	1.0
$olv4^*$	0.0	1.0	1.0	0.0	0.0
standard and adapted CIELAB	LAB^*	LAB^*	LAB^*	LAB^*	LAB^*
LAB^*	53.2	77.09	34.32		
LAB^*	53.2	77.04	34.31		
LAB^*	50.0	84.34	24.01		
relative CIELAB lab*	lab^*	lab^*	lab^*	lab^*	lab^*
lab^*	0.5	0.913	0.407		
lab^*	0.5	1.0	0.067		
lab^*	0.0	1.0	0.067		
lab^*	0.5	0.913	-0.019		
lab^*	0.5	1.0	0.997		
lab^*	0.0	1.0	0.998		

relative Inform. Technology (IT)	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$
$olv3^*$	0.5	0.5	0.5	1.0	1.0
$olv3^*$	0.5	0.5	0.5	0.0	0.0
$olv4^*$	1.0	1.0	1.0	1.0	1.0
$olv4^*$	0.0	0.0	0.0	0.5	0.5
standard and adapted CIELAB	LAB^*	LAB^*	LAB^*	LAB^*	LAB^*
LAB^*	53.21	0.04	0.0		
LAB^*	53.21	0.0	0.0		
LAB^*	50.0	0.01	-		
relative CIELAB lab*	lab^*	lab^*	lab^*	lab^*	lab^*
lab^*	0.5	0.0	0.0		
lab^*	0.5	0.0	-		
lab^*	0.5	0.0	-		
relative Natural Colour (NC)	lab^*	lab^*	lab^*	lab^*	lab^*
lab^*	0.5	0.0	0.0		
lab^*	0.5	0.0	-		
lab^*	0.5	0.0	-		

relative Inform. Technology (IT)	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$
$olv3^*$	0.5	0.0	0.0	1.0	1.0
$olv3^*$	0.5	1.0	1.0	0.0	0.0
$olv4^*$	1.0	0.5	0.5	1.0	1.0
$olv4^*$	0.0	0.5	0.5	0.0	0.0
standard and adapted CIELAB	LAB^*	LAB^*	LAB^*	LAB^*	LAB^*
LAB^*	32.1	38.58	17.17		
LAB^*	32.1	38.52	17.16		
LAB^*	25.01	42.17	24.01		
relative CIELAB lab*	lab^*	lab^*	lab^*	lab^*	lab^*
lab^*	0.25	0.457	0.203		
lab^*	0.25	0.5	0.067		
lab^*	0.0	0.5	0.067		
lab^*	0.25	0.5	-0.009		
lab^*	0.25	0.5	0.997		
lab^*	0.5	0.5	0.998		

relative Inform. Technology (IT)	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$	$olv3^*$
$olv3^*$	0.5	0.0	0.0	1.0	1.0
$olv3^*$	0.5	1.0	1.0	0.0	0.0
$olv4^*$	1.0	0.5	0.5	1.0	1.0
$olv4^*$	0.0	0.5	0.5	0.0	0.0
standard and adapted CIELAB	LAB^*	LAB^*	LAB^*	LAB^*	LAB^*
LAB^*	11.01	0.07	0.01		
LAB^*	11.01	0.0	0.0		
LAB^*	0.01	0.01	-		
relative CIELAB lab*	lab^*	lab^*	lab^*	lab^*	lab^*
lab^*	0.0	0.0	0.0		
lab^*	0.0	1.0	-		
lab^*	0.0	1.0	-		
relative Natural Colour (NC)	lab^*	lab^*	lab^*	lab^*	lab^*
lab^*	0.0	0.0	0.0		
lab^*	0.0	0.0	-		
lab^*	1.0	0.0	-		



TG020-7, 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (links)

3 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.067 (rechts)

BAM-Prüfvorlage TG02; Farbmetrik-Systeme ORS18 & NRS11 input: `olv* setrgbcolor`
D65: 3stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: `olv* setrgbcolor / w* setgray`