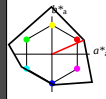


Eingabe: Farbmatisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 24/360 = 0.066$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 47 92 24
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
 $u^*_{rel} = 149$
%Regelart
 $g^*_{H,rel} = 46$
 $g^*_{C,rel} = 65$

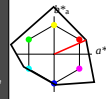
NCS11; adaptierte CIELAB-Daten	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	47.15	84.64	37.25	92.48	24
YMa	91.37	-1.27	125.03	125.03	91
GMa	63.07	-114.28	25.35	117.06	167
G50BMa	59.47	-80.6	-33.45	87.28	203
BMa	49.01	3.65	-81.19	81.28	273
B50RMa	44.06	106.09	-73.93	129.32	325
NMa	10.99	0.0	0.0	0.0	0
NMa	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

Ausgabe: Farbmatisches Reflexions-System NCS11

für Buntton $h^* = lab^*h = 24/360 = 0.066$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 47 92 24
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



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GCie	52.23	-42.45	13.59	44.59	162
BCie	30.57	1.35	-46.48	46.51	272

relative Inform. Technology (IT)	$olvi3^*$	1.0	1.0	1.0	(1.0)
$cmyn3^*$	0.0	0.0	0.0	0.0	(0.0)
$olvi4^*$	1.0	1.0	1.0	1.0	(1.0)
$cmyn4^*$	0.0	0.0	0.0	0.0	(0.0)
standard and adapted CIELAB					
LAB*LAB	95.41	0.0	-0.01		
LAB*Lab	95.41	0.0	0.0		
LAB*TChe	99.99	0.01	-		
relative CIELAB lab*					
lab*lab	1.0	0.0	0.0		
lab*ch	1.0	0.0	-		
lab*nch	0.0	0.0	-		
relative Natural Colour (NC)					
lab*lrj	1.0	0.0	0.0		
lab*tc	1.0	0.0	-		
lab*nc	0.0	0.0	-		

relative Inform. Technology (IT)				
<i>olvi3*</i>	1.0	0.5	0.5	(1.0)
<i>cmyn3*</i>	0.0	0.5	0.5	(0.0)
<i>olvi4*</i>	1.0	0.5	0.5	1.0
<i>cmyn4*</i>	0.0	0.5	0.5	0.0
standard and adapted CIELAB				
LAB*LAB	71.27	42.34	18.63	
LAB*Lab	71.27	42.31	18.62	
LAB*TChe	75.0	46.23	23.75	
relative CIELAB lab*				
lab*lab	0.714	0.458	0.201	
lab*tc	0.75	0.5	0.066	
lab*nch	0.0	0.5	0.066	
relative Natural Colour (NC)				
lab*lrj	0.714	0.5	-0.011	
lab*tc	0.75	0.5	0.996	
lab*ncE	0.0	0.5	0.996	

relative Inform. Technology (IT)				
<i>olvi3*</i>	1.0	0.0	0.0	(1.0)
<i>cmyn3*</i>	0.0	1.0	1.0	(0.0)
<i>olvi4*</i>	1.0	0.0	0.0	1.0
<i>cmyn4*</i>	0.0	1.0	1.0	0.0
standard and adapted CIELAB				
LAB*LAB	47.15	84.68	37.26	
LAB*Lab	47.15	84.63	37.24	
LAB*TChe	50.0	92.46	23.75	
relative CIELAB lab*				
lab*lab	0.428	0.915	0.403	
lab*nch	0.5	1.0	0.066	
lab*ch	0.0	1.0	0.066	
relative Natural Colour (NC)				
lab*lrj	0.428	1.0	-0.023	
lab*tc	0.5	1.0	0.996	
lab*nc	0.0	1.0	0.996	

relative Inform. Technology (IT)				
<i>olvi3*</i>	0.5	0.5	0.5	(1.0)
<i>cmyn3*</i>	0.5	0.5	0.5	(0.0)
<i>olvi4*</i>	1.0	1.0	1.0	0.5
<i>cmyn4*</i>	0.0	0.0	0.0	0.5
standard and adapted CIELAB				
LAB*LAB	53.21	0.04	0.0	
LAB*Lab	53.21	0.0	0.0	
LAB*TChe	50.0	0.01	-	
relative CIELAB lab*				
lab*lab	0.5	0.0	0.0	
lab*tch	0.5	0.0	-	
lab*nch	0.5	0.0	-	
relative Natural Colour (NC)				
lab*lrj	0.5	0.0	0.0	
lab*tc	0.5	0.0	-	
lab*nc	0.5	0.0	-	

relative Inform. Technology (IT)	$olvi3^*$	0.5	0.0	0.0	(1.0)
$cmyn3^*$	0.5	1.0	1.0	0.0	(0.0)
$olvi4^*$	1.0	0.5	0.5	0.5	(1.0)
$cmyn4^*$	0.0	0.5	0.5	0.5	(0.0)
standard and adapted CIELAB					
LAB*LAB	29.07	42.38	18.64		
LAB*Lab	29.07	42.31	18.62		
LAB*TChe	25.01	46.23	23.75		
relative CIELAB lab*					
lab*lab	0.214	0.458	0.201		
lab*ch	0.25	0.5	0.066		
lab*nch	0.0	0.5	0.066		
relative Natural Colour (NC)					
lab*lrj	0.214	0.5	-0.011		
lab*tc	0.25	0.5	0.996		
lab*nc	0.0	0.5	0.996		

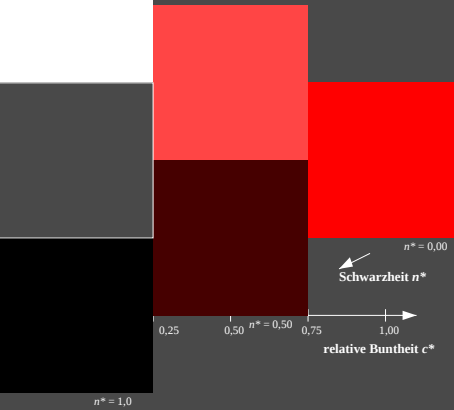
relative CIELAB lab*				
lab*lab	0.428	0.915	0.403	
lab*ch	0.5	1.0	0.066	
lab*nch	0.0	1.0	0.066	
relative Natural Colour (NC)				
lab*lrj	0.428	1.0	-0.023	
lab*tc	0.5	1.0	0.996	
lab*nc	0.0	1.0	0.996	

$n^* = 0,00$

Schwarzheit n^*

relative Inform. Technology (IT)				
olvi3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olvi4*	1.0	1.0	1.0	0.0
cmyn4*	0.0	0.0	0.0	1.0
standard and adapted CIELAB				
LAB*LAB	11.01	0.07	0.01	
LAB*Lab	11.01	0.0	0.0	
LAB*TChe	11.01	0.01	0.01	
relative CIELAB lab*				
lab*lab	0.0	0.0	0.0	
lab*ch	0.0	0.0	-	
lab*nch	1.0	0.0	-	
relative Natural Colour (NC)				
lab*lrj	0.0	0.0	0.0	
lab*tc	0.0	0.0	-	
lab*nc	1.0	0.0	-	

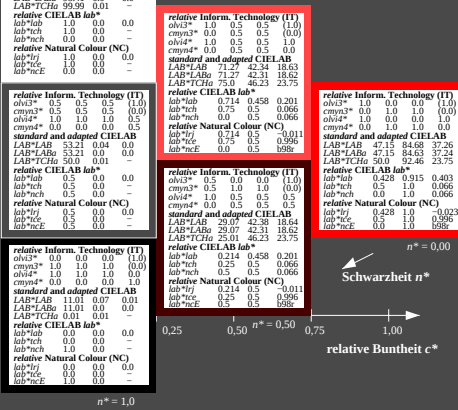
0,25	0,50	$n^* = 0,50$
CIELAB Buntton 24/360 = 0.06		
setrgbcolor		
* setrgbcolor / w* setrg		



$n^* = 0.00$
Schwarzheit n^*

relative Buntheit c^*

$n^* = 1.0$



$n^* = 0.00$
Schwarzheit n^*

relative Buntheit c^*

$n^* = 1.0$

TG090-7, 3 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (links)

3 stufige Reihen für konstanten CIELAB Buntton 24/360 = 0.066 (rechts)

BAM-Prüfvorlage TG09; Farbmatrik-Systeme NCS11a & NCS11aput: $olv^* setrgbcolor$
D65: 3stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: $olv^* setrgbcolor / w^* setgray$