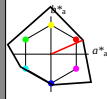


Eingabe: Farbmetrisches Reflexions-System NCS11

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
 $g^*_{H,rel} = 46$
 $g^*_{C,rel} = 65$

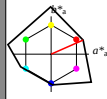
NCS11; adaptierte CIELAB-Daten						
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$	
RMa	47.15	84.64	37.25	92.48	24	
YMa	91.37	-1.27	125.03	125.03	91	
GMa	63.07	-114.28	25.35	117.06	167	
G50BMa	59.47	-80.6	-33.45	87.28	203	
BMa	49.01	3.65	-81.19	81.28	273	
B50RMa	44.06	106.09	-73.93	129.32	325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

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 lab^*ch und lab^*nch

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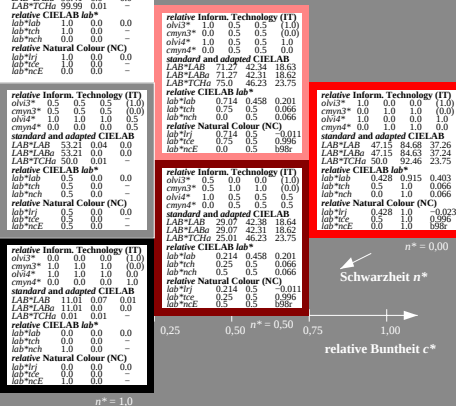
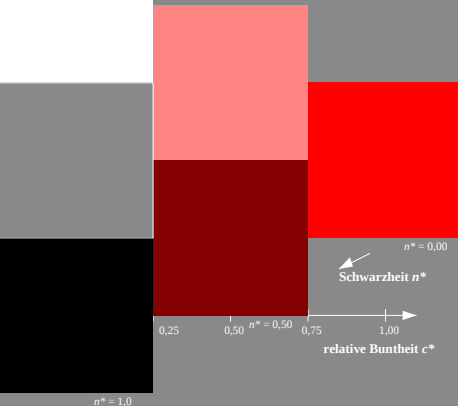
relative Inform. Technology (IT)
 $olv3^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn3^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $olv4^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$
standard and adapted CIELAB
 LAB*LAB 95.41 0.0 -0.01
 LAB*Labo 95.41 0.0 0.0
 LAB*TCHo 99.99 0.01 -
relative CIELAB lab*
 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*lce 1.0 0.0 -
 lab*nCe 0.0 0.0 -

relative Inform. Technology (IT)
 $olv3^* = 1.0 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn3^* = 0.0 \ 0.5 \ 0.5 \ (0.0)$
 $olv4^* = 1.0 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn4^* = 0.0 \ 0.5 \ 0.5 \ (0.0)$
standard and adapted CIELAB
 LAB*LAB 71.27 42.34 18.63
 LAB*Labo 71.27 42.34 18.62
 LAB*TCHo 75.0 46.23 23.75
relative CIELAB lab*
 lab*lab 0.714 0.458 0.201
 lab*ch 0.75 0.5 0.066
 lab*nch 0.0 0.5 0.066
 lab*lrj 0.714 0.5 -0.011
 lab*lce 0.75 0.5 0.996
 lab*nCe 0.0 0.5 0.996

relative Inform. Technology (IT)
 $olv3^* = 1.0 \ 0.0 \ 1.0 \ (1.0)$
 $cmyn3^* = 0.0 \ 1.0 \ 1.0 \ (0.0)$
 $olv4^* = 1.0 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn4^* = 0.0 \ 1.0 \ 1.0 \ (0.0)$
standard and adapted CIELAB
 LAB*LAB 47.15 84.68 37.26
 LAB*Labo 47.15 84.63 37.24
 LAB*TCHo 50.0 92.46 23.75
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
 lab*lrj 0.428 1.0 -0.023
 lab*lce 0.5 1.0 0.996
 lab*nCe 0.0 1.0 0.996

relative Inform. Technology (IT)
 $olv3^* = 0.5 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn3^* = 0.5 \ 0.5 \ 0.5 \ (0.0)$
 $olv4^* = 1.0 \ 1.0 \ 1.0 \ (1.0)$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ (0.5)$
standard and adapted CIELAB
 LAB*LAB 53.21 0.04 0.0
 LAB*Labo 53.21 0.0 0.0
 LAB*TCHo 50.0 0.01 -
relative CIELAB lab*
 lab*lab 0.5 0.0 0.0
 lab*ch 0.5 0.0 0.0
 lab*nch 0.5 0.0 -
relative Natural Colour (NC)
 lab*lrj 0.5 0.0 0.0
 lab*lce 0.5 0.0 -
 lab*nCe 0.5 0.0 -

relative Inform. Technology (IT)
 $olv3^* = 0.5 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn3^* = 0.5 \ 1.0 \ 1.0 \ (0.0)$
 $olv4^* = 1.0 \ 0.5 \ 0.5 \ (0.5)$
 $cmyn4^* = 0.0 \ 0.5 \ 0.5 \ (0.5)$
standard and adapted CIELAB
 LAB*LAB 29.07 42.38 18.64
 LAB*Labo 29.07 42.31 18.62
 LAB*TCHo 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
 lab*lrj 0.214 0.5 -0.011
 lab*lce 0.25 0.5 0.996
 lab*nCe 0.0 0.5 0.996



UG090-7, 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 UG09; Farbmetrik-Systeme NCS11a & NCS11aput: cmy0* setcmkcolor

D65: 3stufige Farbreihen und Koordinaten-Daten für 10 Bunttöneoutput: olv* setrgbcolor / w* setgray