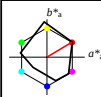


Eingabe: Farbmetrisches Reflexions-System MRS18a

für Buntton $h^* = lab^*h = 31/360 = 0.086$
 lab^*ch und lab^*nch

D65: Buntton R
LCH*Ma: 50 78 31
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 92$

%Regelartit

$g^*_{H,rel} = 42$

$g^*_{C,rel} = 49$

MRS18a; adaptierte CIELAB-Daten

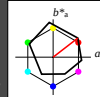
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.8	40.02	77.87	31
YMa	90.7	-7.27	93.19	93.48	94
GMa	52.11	-69.93	11.26	70.85	171
G50BMa	45.03	-36.65	-27.13	45.61	217
BMa	36.65	23.26	-62.27	66.49	290
B50RMa	34.94	57.27	-43.6	71.99	323
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.67	27.97	64.99	25
ICIE	81.26	-2.91	71.56	71.62	92
GCIE	52.23	-42.47	13.58	44.6	162
BCIE	39.57	1.33	-46.48	46.51	272

Ausgabe: Farbmetrisches Reflexions-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$
 lab^*ch 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
GMa	50.9	-62.79	34.95	71.87	151
VMa	58.62	-30.35	-45.01	54.3	236
WMa	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	39.57	1.15	-46.84	46.87	271

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 -0.97 4.75
 LAB*LABa 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)
 $lab^*lrj = 1.0 \ 0.0 \ 0.0$
 $lab^*tce = 1.0 \ 0.0 \ 0.0$
 $lab^*nce = 0.0 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olv3^* = 0.5 \ 0.5 \ 0.5 \ (1.0)$
 $cmyn3^* = 0.5 \ 0.5 \ 0.5 \ (0.0)$
 $olv4^* = 1.0 \ 1.0 \ 1.0 \ 0.5$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ 0.5$
 standard and adapted CIELAB
 LAB*LAB 56.71 -0.23 2.14
 LAB*LABa 56.71 0.0 0.0
 LAB*TCHe 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)
 $lab^*lrj = 0.5 \ 0.0 \ 0.0$
 $lab^*tce = 0.5 \ 0.0 \ 0.0$
 $lab^*nce = 0.5 \ 0.0 \ -$

relative Inform. Technology (IT)
 $olv3^* = 0.0 \ 0.0 \ 0.0 \ (0.0)$
 $cmyn3^* = 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $olv4^* = 1.0 \ 1.0 \ 1.0 \ 1.0$
 $cmyn4^* = 0.0 \ 0.0 \ 0.0 \ 1.0$
 standard and adapted CIELAB
 LAB*LAB 18.02 0.5 -0.46
 LAB*LABa 18.02 0.0 0.0
 LAB*TCHe 0.01 0.01 -

relative CIELAB lab*
 $lab^*lab = 0.0 \ 0.0 \ 0.0$
 $lab^*ch = 1.0 \ 0.0 \ -$
 $lab^*nch = 1.0 \ 0.0 \ -$
 relative Natural Colour (NC)
 $lab^*lrj = 0.0 \ 0.0 \ 0.0$
 $lab^*tce = 0.0 \ 0.0 \ -$
 $lab^*nce = 1.0 \ 0.0 \ -$

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 71.67 32.15 28.41
 LAB*LABa 71.67 32.15 28.41
 LAB*TCHe 75.0 41.3 37.7

relative CIELAB lab*
 $lab^*lab = 0.693 \ 0.396 \ 0.306$
 $lab^*ch = 0.75 \ 0.5 \ 0.105$
 $lab^*nch = 0.0 \ 0.5 \ 0.105$
 $lab^*lrj = 0.693 \ 0.477 \ 0.15$
 $lab^*tce = 0.75 \ 0.5 \ 0.048$
 $lab^*nce = 0.0 \ 0.5 \ [19]$

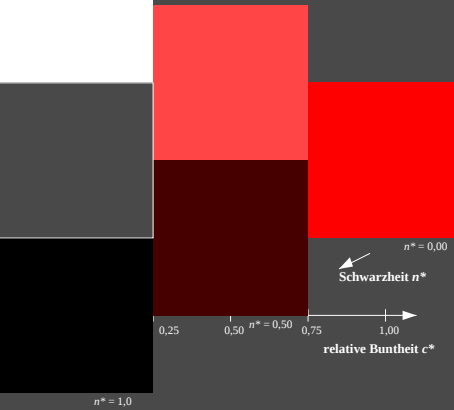
relative Inform. Technology (IT)
 $olv3^* = 0.5 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn3^* = 0.5 \ 1.0 \ 1.0 \ (0.0)$
 $olv4^* = 1.0 \ 0.5 \ 0.5 \ 0.5$
 $cmyn4^* = 0.0 \ 0.5 \ 0.5 \ 0.5$
 standard and adapted CIELAB
 LAB*LAB 32.98 32.9 25.8
 LAB*LABa 32.98 32.68 25.25
 LAB*TCHe 25.01 41.3 37.7

relative CIELAB lab*
 $lab^*lab = 0.193 \ 0.396 \ 0.306$
 $lab^*ch = 0.25 \ 0.5 \ 0.105$
 $lab^*nch = 0.5 \ 0.5 \ 0.105$
 $lab^*lrj = 0.193 \ 0.477 \ 0.15$
 $lab^*tce = 0.25 \ 0.5 \ 0.048$
 $lab^*nce = 0.5 \ 0.5 \ [19]$

relative Inform. Technology (IT)
 $olv3^* = 1.0 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn3^* = 0.0 \ 1.0 \ 1.0 \ (0.0)$
 $olv4^* = 1.0 \ 0.0 \ 0.0 \ 1.0$
 $cmyn4^* = 0.0 \ 1.0 \ 1.0 \ 0.0$
 standard and adapted CIELAB
 LAB*LAB 47.95 65.29 52.06
 LAB*LABa 47.95 65.36 50.51
 LAB*TCHe 50.0 82.6 37.7

relative CIELAB lab*
 $lab^*lab = 0.387 \ 0.791 \ 0.611$
 $lab^*ch = 0.387 \ 0.954 \ 0.299$
 $lab^*tce = 0.5 \ 1.0 \ 0.048$
 $lab^*nce = 0.0 \ 1.0 \ [19]$

relative Natural Colour (NC)
 $lab^*lrj = 0.387 \ 0.954 \ 0.299$
 $lab^*tce = 0.5 \ 1.0 \ 0.048$
 $lab^*nce = 0.0 \ 1.0 \ [19]$

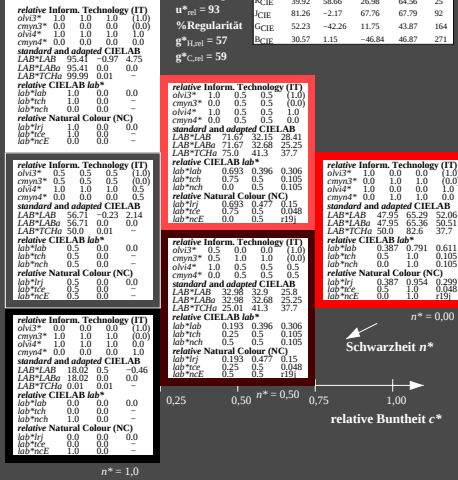


$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

$n^* = 1.0$



$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

$n^* = 0.50$

BAM-Prüfvorlage UG06; Farbmetrik-Systeme MRS18a & ORS18;put: cmy0* setcmykcolor

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