

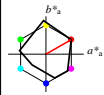
Siehe ähnliche Dateien: <http://www.ps.bam.de/TG04/>  
 Technische Information: <http://www.ps.bam.de> Version 2.1, io=1.1, CIEXYZ

**Eingabe: Farbmetrisches Reflexions-System MRS18**

für Buntton  $h^* = lab^*h = 30/360 = 0.083$   
 $lab^*ch$  und  $lab^*nch$

D65: Buntton R  
 LCH\*Ma: 50 77 30  
 olv\*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit  $l^*$



%Umfang

$u^*_{rel} = 91$

%Regularität

$g^*_{H,rel} = 41$

$g^*_{C,rel} = 52$

**MRS18; adaptierte CIELAB-Daten**

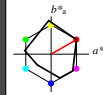
	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	49.63	66.96	38.37	77.18	30
JMa	90.7	-6.36	88.75	88.98	94
GMa	52.11	-69.73	9.44	70.37	172
G50BMa	45.03	-36.57	-28.47	46.36	218
BMa	36.65	23.19	-63.05	67.18	290
B50RMa	34.94	57.17	-44.26	72.31	322
NMa	18.01	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.66	26.98	64.56	25
JCIE	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

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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 -0.97 4.75  
 $LAB^*LAb$  95.41 0.0 0.0  
 $LAB^*TCh$  99.99 0.01 -

**relative CIELAB lab\***  
 $lab^*lab$  1.0 0.0 0.0  
 $lab^*nch$  1.0 0.0 -  
 $lab^*ch$  0.0 0.0 -  
**relative Natural Colour (NC)**  
 $lab^*nrj$  1.0 0.0 0.0  
 $lab^*nce$  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 -23.23 2.14  
 $LAB^*LAb$  56.71 0.0 0.0  
 $LAB^*TCh$  50.0 0.01 -

**relative CIELAB lab\***  
 $lab^*lab$  0.5 0.0 0.0  
 $lab^*nch$  0.5 0.0 -  
 $lab^*ch$  0.5 0.0 -  
**relative Natural Colour (NC)**  
 $lab^*nrj$  0.5 0.0 0.0  
 $lab^*nce$  0.5 0.0 0.0  
 $lab^*ncE$  0.5 0.0 -

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

**relative CIELAB lab\***  
 $lab^*lab$  0.0 0.0 0.0  
 $lab^*nch$  0.0 0.0 -  
 $lab^*ch$  0.0 0.0 -  
**relative Natural Colour (NC)**  
 $lab^*nrj$  0.0 0.0 0.0  
 $lab^*nce$  0.0 0.0 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 (0.0)  
 $cmyn4^* = 0.0$  0.5 0.5 (0.0)  
**standard and adapted CIELAB**  
 $LAB^*LAB$  72.52 22.55 22.4  
 $LAB^*LAb$  72.52 33.47 19.18  
 $LAB^*TCh$  75.0 38.58 29.82

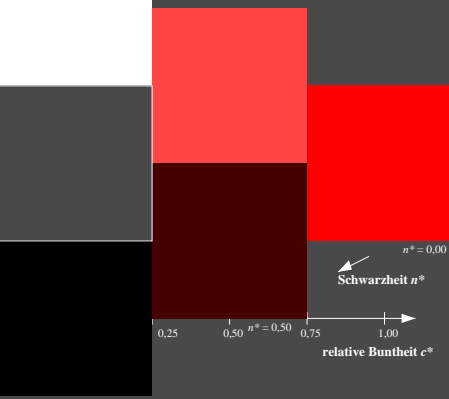
**relative CIELAB lab\***  
 $lab^*lab$  0.704 0.434 0.249  
 $lab^*nch$  0.75 0.5 0.083  
 $lab^*ch$  0.5 0.5 0.083  
**relative Natural Colour (NC)**  
 $lab^*nrj$  0.704 0.496 0.06  
 $lab^*nce$  0.75 0.5 0.019  
 $lab^*ncE$  0.5 0.5 0.071

**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**  
 $LAB^*LAB$  33.85 33.67 19.79  
 $LAB^*LAb$  33.82 33.47 19.18  
 $LAB^*TCh$  25.01 38.58 29.82

**relative CIELAB lab\***  
 $lab^*lab$  0.204 0.434 0.249  
 $lab^*nch$  0.25 0.5 0.083  
 $lab^*ch$  0.5 0.5 0.083  
**relative Natural Colour (NC)**  
 $lab^*nrj$  0.204 0.496 0.06  
 $lab^*nce$  0.25 0.5 0.019  
 $lab^*ncE$  0.5 0.5 0.071

**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**  
 $LAB^*LAB$  49.63 66.84 40.03  
 $LAB^*LAb$  49.63 66.85 39.36  
 $LAB^*TCh$  50.0 77.16 29.82

**relative CIELAB lab\***  
 $lab^*lab$  0.409 0.867 0.497  
 $lab^*nch$  0.5 1.0 0.083  
 $lab^*ch$  0.0 1.0 0.083  
**relative Natural Colour (NC)**  
 $lab^*nrj$  0.409 0.993 0.119  
 $lab^*nce$  0.5 1.0 0.019  
 $lab^*ncE$  0.0 1.0 0.071



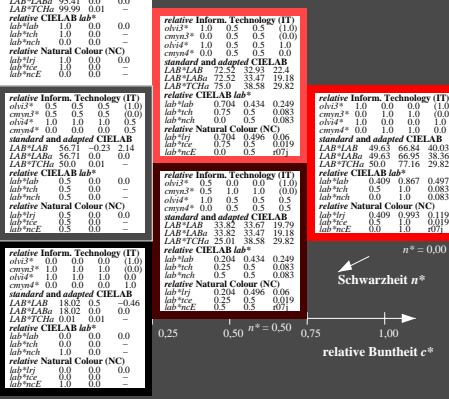
0.25 0.50  $n^* = 0.50$  0.75 1.00

relative Buntheit  $c^*$

$n^* = 1.0$

Schwarzheit  $n^*$

$n^* = 0.00$



0.25 0.50  $n^* = 0.50$  0.75 1.00

relative Buntheit  $c^*$

$n^* = 1.0$

Schwarzheit  $n^*$

$n^* = 1.0$

TG040-7, 3 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (links)

3 stufige Reihen für konstanten CIELAB Buntton 30/360 = 0.083 (rechts)

BAM-Prüfvorlage TG04; Farbmetrik-Systeme MRS18 & MRS18Input:  $olv^* setrgcolor$

D65: 3stufige Farbseiten und Koordinaten-Daten für 10 Bunttönoutput:  $olv^* setrgcolor / w^* setgray$

BAM-Registrierung: 20060101-TG04/10S/S04G00F1.PS/TEXT BAM-Material-Code=matda  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen Yr=2.5, Xyz  
 TG04/10S/S04G00F1.DAT in der Datei (F)