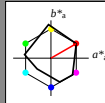


Eingabe: Farbmetrisches Reflexions-System MRS18

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 t^*



%Umfang

$u^*_{rel} = 91$

%Regulartät

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

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

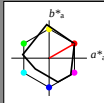
MRS18; adaptierte CIELAB-Daten									
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$				
RMa	49.63	66.96	38.37	77.18	30				
GMa	90.7	-6.36	88.75	88.98	94				
GMa	52.11	-69.73	9.44	70.37	172				
G50BMa	45.03	-36.57	-28.47	46.36	218				
BMa	36.65	23.19	-63.05	67.18	290				
B50RMa	34.94	57.17	-44.26	72.31	322				
NMa	18.01	0.0	0.0	0.0	0				
NMa	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 MRS18

für Buntton $h^* = lab^*h = 30/360 = 0.083$
 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 -0.97 4.75
 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)
 $lab^*lrj \ 1.0 \ 0.0 \ 0.0$
 $lab^*tce \ 1.0 \ 0.0 \ 0.0$
 $lab^*nce \ 0.0 \ 0.0 \ -$

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*LAB 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)
 $olv3^* \ 0.0 \ 0.0 \ 0.0 \ (1.0)$
 $cmyn3^* \ 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $olv4^* \ 1.0 \ 1.0 \ 1.0 \ (0.0)$
 $cmyn4^* \ 0.0 \ 0.0 \ 0.0 \ (1.0)$
 standard and adapted CIELAB
 LAB*LAB 18.02 0.5 -0.46
 LAB*LAB 18.02 0.0 0.0
 LAB*TChe 0.01 0.01 -

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

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 72.52 33.47 19.18
 LAB*LAB 72.52 33.47 19.18
 LAB*TChe 75.0 38.58 29.82

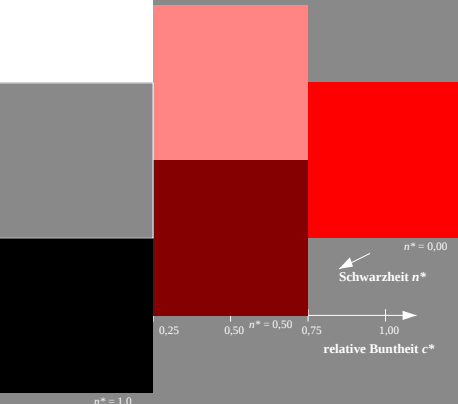
relative CIELAB lab*
 $lab^*lab \ 0.704 \ 0.434 \ 0.249$
 $lab^*ch \ 0.75 \ 0.5 \ 0.083$
 $lab^*nch \ 0.0 \ 0.5 \ 0.083$
 relative Natural Colour (NC)
 $lab^*lrj \ 0.704 \ 0.496 \ 0.06$
 $lab^*tce \ 0.75 \ 0.5 \ 0.019$
 $lab^*nce \ 0.0 \ 0.5 \ 0.071$

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 33.83 33.67 19.79
 LAB*LAB 33.83 33.47 19.18
 LAB*TChe 25.01 38.58 29.82

relative CIELAB lab*
 $lab^*lab \ 0.204 \ 0.434 \ 0.249$
 $lab^*ch \ 0.25 \ 0.5 \ 0.083$
 $lab^*nch \ 0.0 \ 0.5 \ 0.083$
 relative Natural Colour (NC)
 $lab^*lrj \ 0.204 \ 0.496 \ 0.06$
 $lab^*tce \ 0.25 \ 0.5 \ 0.019$
 $lab^*nce \ 0.0 \ 0.5 \ 0.071$

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 66.95 38.36
 LAB*TChe 50.0 77.16 29.82

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

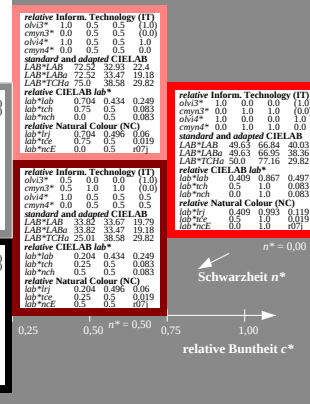


$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

$n^* = 1.0$



$n^* = 0.00$

Schwarzheit n^*

relative Buntheit c^*

$n^* = 1.0$

BAM-Prüfvorlage UG04; Farbmetrik-Systeme MRS18 & MRS18nput: $cmv0^* \ setcmkcolor$

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