

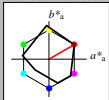
Siehe ähnliche Dateien: <http://www.ps.bam.de/TG04/>  
 Technische Information: [http://www.ps.bam.de/Version\\_2.1\\_io-1.1\\_CIEXYZ](http://www.ps.bam.de/Version_2.1_io-1.1_CIEXYZ)

**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  $I^*$



%Umfang  
 $u^*_{rel} = 91$   
 %Regularität  
 $g^*_{rel} = 41$   
 $g^*_{C_{rel}} = 52$

**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

**standard and adapted CIELAB**

	$L^*$	$a^*$	$b^*$
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\***

	$lab^*lab$	$lab^*nch$	$lab^*ch$
$lab^*lab$	1.0	0.0	0.0
$lab^*nch$	0.0	0.0	-
$lab^*ch$	0.0	0.0	-

**relative Natural Colour (NC)**

	$lab^*nc$	$lab^*ncE$
$lab^*nc$	1.0	0.0
$lab^*ncE$	0.0	0.0

**relative Inform. Technology (IT)**

	$olvi3^*$	$cmyn3^*$	$olvi4^*$	$cmyn4^*$
$olvi3^*$	1.0	0.0	0.0	0.0
$cmyn3^*$	0.0	1.0	0.0	0.0
$olvi4^*$	0.0	0.0	1.0	0.0
$cmyn4^*$	0.0	0.0	0.0	1.0

**standard and adapted CIELAB**

	$LAB^*LAB$	$LAB^*Lab$	$LAB^*TChe$
LAB*LAB	18.02	0.5	-0.46
LAB*Lab	18.02	0.0	0.0
LAB*TChe	0.01	0.01	0.0

**relative CIELAB lab\***

	$lab^*lab$	$lab^*nch$	$lab^*ch$
$lab^*lab$	0.0	0.0	0.0
$lab^*nch$	0.0	0.0	-
$lab^*ch$	0.0	0.0	-

**relative Natural Colour (NC)**

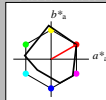
	$lab^*nc$	$lab^*ncE$
$lab^*nc$	0.0	0.0
$lab^*ncE$	0.0	0.0

**Ausgabe: Farbmetrisches Reflexions-System MRS18**

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**MRS18; adaptierte CIELAB-Daten**

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
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WMa	95.41	0.0	0.0	0.0	0
RCie	39.92	58.66	26.98	64.56	25
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GCie	52.23	-42.26	11.75	43.87	164
BCie	30.57	1.15	-46.84	46.87	271

**standard and adapted CIELAB**

	$L^*$	$a^*$	$b^*$
LAB*LAB	72.52	22.55	22.4
LAB*Lab	72.52	33.47	19.18
LAB*TChe	75.0	38.58	29.82

**relative CIELAB lab\***

	$lab^*lab$	$lab^*nch$	$lab^*ch$
$lab^*lab$	0.704	0.434	0.249
$lab^*nch$	0.75	0.5	0.083
$lab^*ch$	0.0	0.5	0.0

**relative Natural Colour (NC)**

	$lab^*nc$	$lab^*ncE$
$lab^*nc$	0.704	0.496
$lab^*ncE$	0.75	0.5

**relative Inform. Technology (IT)**

	$olvi3^*$	$cmyn3^*$	$olvi4^*$	$cmyn4^*$
$olvi3^*$	1.0	0.0	0.0	0.0
$cmyn3^*$	0.0	1.0	0.0	0.0
$olvi4^*$	0.0	0.0	1.0	0.0
$cmyn4^*$	0.0	0.0	0.0	1.0

**standard and adapted CIELAB**

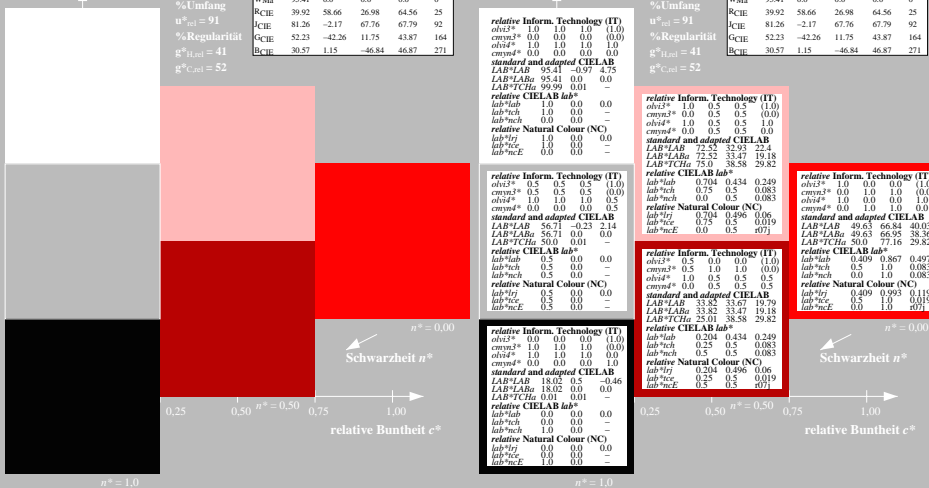
	$LAB^*LAB$	$LAB^*Lab$	$LAB^*TChe$
LAB*LAB	33.85	33.67	19.79
LAB*Lab	33.82	33.47	19.18
LAB*TChe	25.01	38.58	29.82

**relative CIELAB lab\***

	$lab^*lab$	$lab^*nch$	$lab^*ch$
$lab^*lab$	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)**

	$lab^*nc$	$lab^*ncE$
$lab^*nc$	0.204	0.496
$lab^*ncE$	0.25	0.5



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 Farbreihen und Koordinaten-Daten für 10 Bunttönoutput:  $olv^* setrgcolor / w^* setrgay$

BAM-Registrierung: 20060101-TG04/10Q/Q04G00F1.PS/TXT BAM-Material-Code=matda  
 Anwendung für Beurteilung und Messung von Drucker- oder Monitorystemen Yr=2=, XYZ  
 TG04/10Q/110 Seite 11, Seite 1  
 Seite 1 von 1