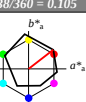


Eingabe: Farbmetrisches Offset-Reflektiv-System ORS18
für Bunton $h^* = lab^*h = 38/360 = 0.105$
 lab^*ch und lab^*nch

A: Bunton 0
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 93$

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

ORS18; adaptierte CIELAB-Daten

L*	a*	b*	C*	h _{ab}
O _{Ma} 47.94	65.39	50.52	82.63	38
Y _{Ma} 90.37	-10.26	91.75	92.32	96
L _{Ma} 50.9	-62.83	34.96	71.91	151
C _{Ma} 58.62	-30.34	-44.51	54.3	236
V _{Ma} 25.72	31.1	-45.04	54.22	305
M _{Ma} 48.13	75.28	-8.36	75.74	354
N _{Ma} 18.01	0.0	0.0	0.0	0
W _{Ma} 95.41	0.0	0.0	0.0	0
R _{CE} 39.92	58.66	26.98	64.57	25
J _{CE} 81.26	-2.16	67.76	67.79	92
C _{CE} 52.23	-42.25	11.76	43.87	164
B _{CE} 30.57	1.15	-46.84	46.86	271

%Regulartät

$g^*_{Hrel} = 57$

$g^*_{Crel} = 59$

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
LAP*CB 38.0 83.0 38.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

Ausgabe: Farbmetrisches Fernseh-Licht-System TLS00
für Bunton $h^* = lab^*h = 40/360 = 0.111$
 lab^*ch und lab^*nch

A: Bunton 0
LCH*Ma: 51 100 40
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang

$u^*_{rel} = 158$

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

TLS00; adaptierte CIELAB-Daten

L*	a*	b*	C*	h _{ab}
O _{Ma} 50.5	76.92	64.55	100.42	40
Y _{Ma} 92.66	-20.69	90.75	93.08	103
L _{Ma} 83.63	-82.75	79.9	115.04	136
C _{Ma} 86.88	-46.16	-13.55	48.12	196
V _{Ma} 30.39	76.06	-103.59	128.52	306
M _{Ma} 57.3	94.35	-58.41	110.97	328
N _{Ma} 0.01	0.0	0.0	0.0	0
W _{Ma} 95.41	0.0	0.0	0.0	0
R _{CE} 39.92	58.74	27.99	65.07	25
J _{CE} 81.26	-2.88	71.56	71.62	92
C _{CE} 52.23	-42.41	13.6	44.55	162
B _{CE} 30.57	1.41	-46.46	46.49	272

%Regulartät

$g^*_{Hrel} = 20$

$g^*_{Crel} = 37$

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

relative Inform. Technology (IT)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
standard and adapted CIE LAB
LAP*AB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
LAP*CB 51.0 100.0 40.0
relative Natural Colour (NC)
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0
abw* 1.0 0.0 0.0

Siehe ähnliche Dateien: <http://www.ps.bam.de/RG50/>
Technische Information: <http://www.ps.bam.de> Version 2.1, io=1.1, CIE LAB

BAM-Registrierung: 20060101-RG50/L50G00F1.PS/TXT
Anwendung für Beurteilung und Messung von Drucker- oder Monitorsystemen
BAM-Material-Code=matda
Seite 1 von 1

RG500-7, 5-stufige Reihen für konstanten CIELAB Bunton 38/360 = 0.105 (links)

5-stufige Reihen für konstanten CIELAB Bunton 40/360 = 0.111 (rechts)

BAM-Prüfvorlage RG50; Farbmetrische-Systeme ORS18 & TLS00 input: olv* setrgbcolor
A: 2 Koordinatendaten; 5stufige Farbreihen für 10 Bunttöne output: olv* setrgbcolor / w* setgray