

Page: count: 1

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 103/360 = 0.286$

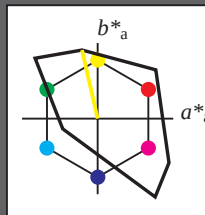
$lab \cdot tch$ and $lab \cdot nch$

D65: hue Y

LCH*Ma: 93 93 103

olv*Ma: 1.0 1.0 0.0

triangle lightness



% Gamut

$u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

% Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 103/360 = 0.286$

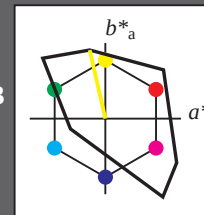
$lab \cdot tch$ and $lab \cdot nch$

D65: hue Y

LCH*Ma: 93 93 103

olv*Ma: 1.0 1.0 0.0

triangle lightness



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% Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

OE440-7, 5 step scales for constant CIELAB hue 103/360 = 0.286 (left)

BAM-test chart OE44; Colorimetric systems TLS00 & TLS00

D65: 5 step colour scales and coordinate data for 10 hues

5 step scales for constant CIELAB hue 103/360 = 0.286 (right)

input: $cmy0^* \text{ setcmykcolor}$

output: $cmy0^* / 000n^* \text{ setcmykcolor}$

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 136/360 = 0.378$

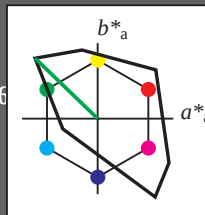
$lab \cdot tch$ and $lab \cdot nch$

D65: hue L

LCH*Ma: 84 115 136

olv*Ma: 0.0 1.0 0.0

triangle lightness



% Gamut

$u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data					
	$L^* = L^*_{a,a}$	$a^*_{a,a}$	$b^*_{a,a}$	$C^*_{ab,a}$	$h^*_{ab,a}$
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
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N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

% Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 136/360 = 0.378$

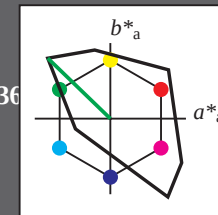
$lab \cdot tch$ and $lab \cdot nch$

D65: hue L

LCH*Ma: 84 115 136

olv*Ma: 0.0 1.0 0.0

triangle lightness



% Gamut

$u^*_{rel} = 158$

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R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
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$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

OE440-7, 5 step scales for constant CIELAB hue 136/360 = 0.378 (left)

BAM-test chart OE44; Colorimetric systems TLS00 & TLS00

D65: 5 step colour scales and coordinate data for 10 hues

5 step scales for constant CIELAB hue 136/360 = 0.378 (right)

input: $cmY0^* \text{ setcmYkcolor}$

output: $cmY0^* / 000n^* \text{ setcmYkcolor}$

Input: Colorimetric Television Luminous System TLS00

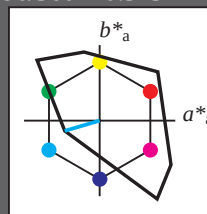
for hue $h^* = lab \cdot h = 196/360 = 0.545$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue C
LCH*Ma: 87 48 196
olv*Ma: 0.0 1.0 1.0

triangle lightness

1,00



%Gamut

$u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.92	64.55	100.42	40
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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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	1.0	(1.0)
olvi4*	0.0	0.0	0.0	0.0	(0.0)
olvi5*	1.0	1.0	1.0	1.0	(1.0)
olvi6*	0.0	0.0	0.0	0.0	(0.0)
olvi7*	0.0	0.0	0.0	0.0	(0.0)
olvi8*	0.0	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	0.0	(0.0)
olvi10*	0.0	0.0	0.0	0.0	(0.0)
olvi11*	0.0	0.0	0.0	0.0	(0.0)
olvi12*	0.0	0.0	0.0	0.0	(0.0)
olvi13*	0.0	0.0	0.0	0.0	(0.0)
olvi14*	0.0	0.0	0.0	0.0	(0.0)
olvi15*	0.0	0.0	0.0	0.0	(0.0)
olvi16*	0.0	0.0	0.0	0.0	(0.0)
olvi17*	0.0	0.0	0.0	0.0	(0.0)
olvi18*	0.0	0.0	0.0	0.0	(0.0)
olvi19*	0.0	0.0	0.0	0.0	(0.0)
olvi20*	0.0	0.0	0.0	0.0	(0.0)
olvi21*	0.0	0.0	0.0	0.0	(0.0)
olvi22*	0.0	0.0	0.0	0.0	(0.0)
olvi23*	0.0	0.0	0.0	0.0	(0.0)
olvi24*	0.0	0.0	0.0	0.0	(0.0)
olvi25*	0.0	0.0	0.0	0.0	(0.0)
olvi26*	0.0	0.0	0.0	0.0	(0.0)
olvi27*	0.0	0.0	0.0	0.0	(0.0)
olvi28*	0.0	0.0	0.0	0.0	(0.0)
olvi29*	0.0	0.0	0.0	0.0	(0.0)
olvi30*	0.0	0.0	0.0	0.0	(0.0)
olvi31*	0.0	0.0	0.0	0.0	(0.0)
olvi32*	0.0	0.0	0.0	0.0	(0.0)
olvi33*	0.0	0.0	0.0	0.0	(0.0)
olvi34*	0.0	0.0	0.0	0.0	(0.0)
olvi35*	0.0	0.0	0.0	0.0	(0.0)
olvi36*	0.0	0.0	0.0	0.0	(0.0)
olvi37*	0.0	0.0	0.0	0.0	(0.0)
olvi38*	0.0	0.0	0.0	0.0	(0.0)
olvi39*	0.0	0.0	0.0	0.0	(0.0)
olvi40*	0.0	0.0	0.0	0.0	(0.0)
olvi41*	0.0	0.0	0.0	0.0	(0.0)
olvi42*	0.0	0.0	0.0	0.0	(0.0)
olvi43*	0.0	0.0	0.0	0.0	(0.0)
olvi44*	0.0	0.0	0.0	0.0	(0.0)
olvi45*	0.0	0.0	0.0	0.0	(0.0)
olvi46*	0.0	0.0	0.0	0.0	(0.0)
olvi47*	0.0	0.0	0.0	0.0	(0.0)
olvi48*	0.0	0.0	0.0	0.0	(0.0)
olvi49*	0.0	0.0	0.0	0.0	(0.0)
olvi50*	0.0	0.0	0.0	0.0	(0.0)
olvi51*	0.0	0.0	0.0	0.0	(0.0)
olvi52*	0.0	0.0	0.0	0.0	(0.0)
olvi53*	0.0	0.0	0.0	0.0	(0.0)
olvi54*	0.0	0.0	0.0	0.0	(0.0)
olvi55*	0.0	0.0	0.0	0.0	(0.0)
olvi56*	0.0	0.0	0.0	0.0	(0.0)
olvi57*	0.0	0.0	0.0	0.0	(0.0)
olvi58*	0.0	0.0	0.0	0.0	(0.0)
olvi59*	0.0	0.0	0.0	0.0	(0.0)
olvi60*	0.0	0.0	0.0	0.0	(0.0)
olvi61*	0.0	0.0	0.0	0.0	(0.0)
olvi62*	0.0	0.0	0.0	0.0	(0.0)
olvi63*	0.0	0.0	0.0	0.0	(0.0)
olvi64*	0.0	0.0	0.0	0.0	(0.0)
olvi65*	0.0	0.0	0.0	0.0	(0.0)
olvi66*	0.0	0.0	0.0	0.0	(0.0)
olvi67*	0.0	0.0	0.0	0.0	(0.0)
olvi68*	0.0	0.0	0.0	0.0	(0.0)
olvi69*	0.0	0.0	0.0	0.0	(0.0)
olvi70*	0.0	0.0	0.0	0.0	(0.0)
olvi71*	0.0	0.0	0.0	0.0	(0.0)
olvi72*	0.0	0.0	0.0	0.0	(0.0)
olvi73*	0.0	0.0	0.0	0.0	(0.0)
olvi74*	0.0	0.0	0.0	0.0	(0.0)
olvi75*	0.0	0.0	0.0	0.0	(0.0)
olvi76*	0.0	0.0	0.0	0.0	(0.0)
olvi77*	0.0	0.0	0.0	0.0	(0.0)
olvi78*	0.0	0.0	0.0	0.0	(0.0)
olvi79*	0.0	0.0	0.0	0.0	(0.0)
olvi80*	0.0	0.0	0.0	0.0	(0.0)
olvi81*	0.0	0.0	0.0	0.0	(0.0)
olvi82*	0.0	0.0	0.0	0.0	(0.0)
olvi83*	0.0	0.0	0.0	0.0	(0.0)
olvi84*	0.0	0.0	0.0	0.0	(0.0)
olvi85*	0.0	0.0	0.0	0.0	(0.0)
olvi86*	0.0	0.0	0.0	0.0	(0.0)
olvi87*	0.0	0.0	0.0	0.0	(0.0)
olvi88*	0.0	0.0	0.0	0.0	(0.0)
olvi89*	0.0	0.0	0.0	0.0	(0.0)
olvi90*	0.0	0.0	0.0	0.0	(0.0)
olvi91*	0.0	0.0	0.0	0.0	(0.0)
olvi92*	0.0	0.0	0.0	0.0	(0.0)
olvi93*	0.0	0.0	0.0	0.0	(0.0)
olvi94*	0.0	0.0	0.0	0.0	(0.0)
olvi95*	0.0	0.0	0.0	0.0	(0.0)
olvi96*	0.0	0.0	0.0	0.0	(0.0)
olvi97*	0.0	0.0	0.0	0.0	(0.0)
olvi98*	0.0	0.0	0.0	0.0	(0.0)
olvi99*	0.0	0.0	0.0	0.0	(0.0)
olvi100*	0.0	0.0	0.0	0.0	(0.0)

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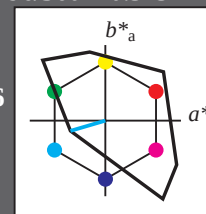
for hue $h^* = lab \cdot h = 196/360 = 0.545$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue C
LCH*Ma: 87 48 196
olv*Ma: 0.0 1.0 1.0

triangle lightness

1,00



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olvi8*	0.0	0.0	0.0	0.0	(0.0)
olvi9*	0.0	0.0	0.0	0.0	(0.0)
olvi10*	0.0	0.0	0.0	0.0	(0.0)
olvi11*	0.0	0.0	0.0	0.0	(0.0)
olvi12*	0.0	0.0	0.0	0.0	(0.0)
olvi13*	0.0	0.0	0.0	0.0	(0.0)
olvi14*	0.0	0.0	0.0	0.0	(0.0)
olvi15*	0.0	0.0	0.0	0.0	(0.0)
olvi16*	0.0	0.0	0.0	0.0	(0.0)
olvi17*	0.0	0.0	0.0	0.0	(0.0)
olvi18*	0.0	0.0	0.0	0.0	(0.0)
olvi19*	0.0	0.0	0.0	0.0	(0.0)
olvi20*	0.0	0.0	0.0	0.0	(0.0)
olvi21*	0.0	0.0	0.0	0.0	(0.0)
olvi22*	0.0	0.0	0.0	0.0	(0.0)
olvi23*	0.0	0.0	0.0	0.0	(0.0)
olvi24*	0.0	0.0	0.0	0.0	(0.0)
olvi25*	0.0	0.0	0.0	0.0	(0.0)
olvi26*	0.0	0.0	0.0	0.0	(0.0)
olvi27*	0.0	0.0	0.0	0.0	(0.0)
olvi28*	0.0	0.0	0.0	0.0	(0.0)
olvi29*	0.0	0.0	0.0	0.0	(0.0)
olvi30*	0.0	0.0	0.0	0.0	(0.0)
olvi31*	0.0	0.0	0.0	0.0	(0.0)
olvi32*	0.0	0.0	0.0	0.0	(0.0)
olvi33*	0.0	0.0	0.0	0.0	(0.0)
olvi34*	0.0	0.0	0.0	0.0	(0.0)
olvi35*	0.0	0.0	0.0	0.0	(0.0)
olvi36*	0.0	0.0	0.0	0.0	(0.0)
olvi37*	0.0	0.0	0.0	0.0	(0.0)
olvi38*	0.0	0.0	0.0	0.0	(0.0)
olvi39*	0.0	0.0	0.0	0.0	(0.0)
olvi40*	0.0	0.0	0.0	0.0	(0.0)
olvi41*	0.0	0.0	0.0	0.0	(0.0)
olvi42*	0.0	0.0	0.0	0.0	(0.0)
olvi43*	0.0	0.0	0.0	0.0	(0.0)
olvi44*	0.0	0.0	0.0	0.0	(0.0)
olvi45*	0.0	0.0	0.0	0.0	(0.0)
olvi46*	0.0	0.0	0.0	0.0	(0.0)
olvi47*	0.0	0.0	0.0	0.0	(0.0)
olvi48*	0.0	0.0	0.0	0.0	(0.0)
olvi49*	0.0	0.0	0.0	0.0	(0.0)
olvi50*	0.0	0.0	0.0	0.0	(0.0)
olvi51*	0.0	0.0	0.0	0.0	(0.0)
olvi52*	0.0	0.0	0.0	0.0	(0.0)
olvi53*	0.0	0.0	0.0	0.0	(0.0)
olvi54*	0.0	0.0	0.0	0.0	(0.0)
olvi55*	0.0	0.0	0.0	0.0	(0.0)
olvi56*	0.0	0.0	0.0	0.0	(0.0)
olvi57*	0.0	0.0	0.0	0.0	(0.0)
olvi58*	0.0	0.0	0.0	0.0	(0.0)
olvi59*	0.0	0.0	0.0	0.0	(0.0)
olvi60*	0.0	0.0	0.0	0.0	(0.0)
olvi61*	0.0	0.0	0.0	0.0	(0.0)
olvi62*	0.0	0.0	0.0	0.0	(0.0)
olvi63*	0.0	0.0	0.0	0.0	(0.0)
olvi64*	0.0	0.0	0.0	0.0	(0.0)
olvi65*	0.0	0.0	0.0	0.0	(0.0)
olvi66*	0.0	0.0	0.0	0.0	(0.0)
olvi67*	0.0	0.0	0.0	0.0	(0.0)
olvi68*	0.0	0.0	0.0	0.0	(0.0)
olvi69*	0.0	0.0	0.0	0.0	(0.0)
olvi70*	0.0	0.0	0.0	0.0	(0.0)
olvi71*	0.0	0.0	0.0	0.0	(0.0)
olvi72*	0.0	0.0	0.0	0.0	(0.0)
olvi73*	0.0	0.0	0.0	0.0	(0.0)
olvi74*	0.0	0.0	0.0	0.0	(0.0)
olvi75*	0.0	0.0	0.0	0.0	(0.0)
olvi76*	0.0	0.0	0.0	0.0	(0.0)
olvi77*	0.0	0.0	0.0	0.0	(0.0)
olvi78*	0.0	0.0	0.0	0.0	(0.0)
olvi79*	0.0	0.0	0.0	0.0	(0.0)
olvi80*	0.0	0.0	0.0	0.0	(0.0)
olvi81*	0.0	0.0	0.0	0.0	(0.0)
olvi82*	0.0	0.0	0.0	0.0	(0.0)
olvi83*	0.0	0.0	0.0	0.0	(0.0)
olvi84*	0.0	0.0	0.0	0.0	(0.0)
olvi85*	0.0	0.0	0.0	0.0	(0.0)
olvi86*	0.0	0.0	0.0	0.0	(0.0)
olvi87*	0.0	0.0	0.0	0.0	(0.0)
olvi88*	0.0	0.0	0.0	0.0	(0.0)
olvi89*	0.0	0.0	0.0	0.0	(0.0)
olvi90*	0.0	0.0	0.0	0.0	(0.0)
olvi91*	0.0	0.0	0.0	0.0	(0.0)
olvi92*	0.0	0.0	0.0	0.0	(0.0)
olvi93*	0.0	0.0	0.0	0.0	(0.0)
olvi94*	0.0	0.0	0.0	0.0	(0.0)
olvi95*	0.0	0.0	0.0	0.0	(0.0)
olvi96*	0.0	0.0	0.0	0.0	(0.0)
olvi97*	0.0	0.0	0.0	0.0	(0.0)
olvi98*	0.0	0.0	0.0	0.0	(0.0)
olvi99*	0.0	0.0	0.0	0.0	(0.0)
olvi100*	0.0	0.0	0.0	0.0	(0.0)

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 306/360 = 0.851$

$lab \cdot tch$ and $lab \cdot nch$

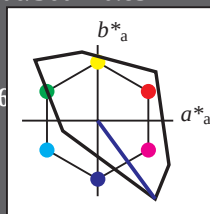
D65: hue V

LCH*Ma: 30 129 306

olv*Ma: 0.0 0.0 1.0

triangle lightness

1,00



%Gamut

$u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

relative Inform. Technology (IT)					
olvi3*	1.0	1.0	1.0	(1.0)	
olvi4*	0.0	0.0	0.0	(0.0)	
olvi5*	0.0	0.0	0.0	(0.0)	
olvi6*	0.0	0.0	0.0	(0.0)	
olvi7*	0.0	0.0	0.0	(0.0)	
olvi8*	0.0	0.0	0.0	(0.0)	
olvi9*	0.0	0.0	0.0	(0.0)	
olvi10*	0.0	0.0	0.0	(0.0)	
olvi11*	0.0	0.0	0.0	(0.0)	
olvi12*	0.0	0.0	0.0	(0.0)	
olvi13*	0.0	0.0	0.0	(0.0)	
olvi14*	0.0	0.0	0.0	(0.0)	
olvi15*	0.0	0.0	0.0	(0.0)	
olvi16*	0.0	0.0	0.0	(0.0)	
olvi17*	0.0	0.0	0.0	(0.0)	
olvi18*	0.0	0.0	0.0	(0.0)	
olvi19*	0.0	0.0	0.0	(0.0)	
olvi20*	0.0	0.0	0.0	(0.0)	
olvi21*	0.0	0.0	0.0	(0.0)	
olvi22*	0.0	0.0	0.0	(0.0)	
olvi23*	0.0	0.0	0.0	(0.0)	
olvi24*	0.0	0.0	0.0	(0.0)	
olvi25*	0.0	0.0	0.0	(0.0)	
olvi26*	0.0	0.0	0.0	(0.0)	
olvi27*	0.0	0.0	0.0	(0.0)	
olvi28*	0.0	0.0	0.0	(0.0)	
olvi29*	0.0	0.0	0.0	(0.0)	
olvi30*	0.0	0.0	0.0	(0.0)	
olvi31*	0.0	0.0	0.0	(0.0)	
olvi32*	0.0	0.0	0.0	(0.0)	
olvi33*	0.0	0.0	0.0	(0.0)	
olvi34*	0.0	0.0	0.0	(0.0)	
olvi35*	0.0	0.0	0.0	(0.0)	
olvi36*	0.0	0.0	0.0	(0.0)	
olvi37*	0.0	0.0	0.0	(0.0)	
olvi38*	0.0	0.0	0.0	(0.0)	
olvi39*	0.0	0.0	0.0	(0.0)	
olvi40*	0.0	0.0	0.0	(0.0)	
olvi41*	0.0	0.0	0.0	(0.0)	
olvi42*	0.0	0.0	0.0	(0.0)	
olvi43*	0.0	0.0	0.0	(0.0)	
olvi44*	0.0	0.0	0.0	(0.0)	
olvi45*	0.0	0.0	0.0	(0.0)	
olvi46*	0.0	0.0	0.0	(0.0)	
olvi47*	0.0	0.0	0.0	(0.0)	
olvi48*	0.0	0.0	0.0	(0.0)	
olvi49*	0.0	0.0	0.0	(0.0)	
olvi50*	0.0	0.0	0.0	(0.0)	
olvi51*	0.0	0.0	0.0	(0.0)	
olvi52*	0.0	0.0	0.0	(0.0)	
olvi53*	0.0	0.0	0.0	(0.0)	
olvi54*	0.0	0.0	0.0	(0.0)	
olvi55*	0.0	0.0	0.0	(0.0)	
olvi56*	0.0	0.0	0.0	(0.0)	
olvi57*	0.0	0.0	0.0	(0.0)	
olvi58*	0.0	0.0	0.0	(0.0)	
olvi59*	0.0	0.0	0.0	(0.0)	
olvi60*	0.0	0.0	0.0	(0.0)	
olvi61*	0.0	0.0	0.0	(0.0)	
olvi62*	0.0	0.0	0.0	(0.0)	
olvi63*	0.0	0.0	0.0	(0.0)	
olvi64*	0.0	0.0	0.0	(0.0)	
olvi65*	0.0	0.0	0.0	(0.0)	
olvi66*	0.0	0.0	0.0	(0.0)	
olvi67*	0.0	0.0	0.0	(0.0)	
olvi68*	0.0	0.0	0.0	(0.0)	
olvi69*	0.0	0.0	0.0	(0.0)	
olvi70*	0.0	0.0	0.0	(0.0)	
olvi71*	0.0	0.0	0.0	(0.0)	
olvi72*	0.0	0.0	0.0	(0.0)	
olvi73*	0.0	0.0	0.0	(0.0)	
olvi74*	0.0	0.0	0.0	(0.0)	
olvi75*	0.0	0.0	0.0	(0.0)	
olvi76*	0.0	0.0	0.0	(0.0)	
olvi77*	0.0	0.0	0.0	(0.0)	
olvi78*	0.0	0.0	0.0	(0.0)	
olvi79*	0.0	0.0	0.0	(0.0)	
olvi80*	0.0	0.0	0.0	(0.0)	
olvi81*	0.0	0.0	0.0	(0.0)	
olvi82*	0.0	0.0	0.0	(0.0)	
olvi83*	0.0	0.0	0.0	(0.0)	
olvi84*	0.0	0.0	0.0	(0.0)	
olvi85*	0.0	0.0	0.0	(0.0)	
olvi86*	0.0	0.0	0.0	(0.0)	
olvi87*	0.0	0.0	0.0	(0.0)	
olvi88*	0.0	0.0	0.0	(0.0)	
olvi89*	0.0	0.0	0.0	(0.0)	
olvi90*	0.0	0.0	0.0	(0.0)	
olvi91*	0.0	0.0	0.0	(0.0)	
olvi92*	0.0	0.0	0.0	(0.0)	
olvi93*	0.0	0.0	0.0	(0.0)	
olvi94*	0.0	0.0	0.0	(0.0)	
olvi95*	0.0	0.0	0.0	(0.0)	
olvi96*	0.0	0.0	0.0	(0.0)	
olvi97*	0.0	0.0	0.0	(0.0)	
olvi98*	0.0	0.0	0.0	(0.0)	
olvi99*	0.0	0.0	0.0	(0.0)	
olvi100*	0.0	0.0	0.0	(0.0)	

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 306/360 = 0.851$

$lab \cdot tch$ and $lab \cdot nch$

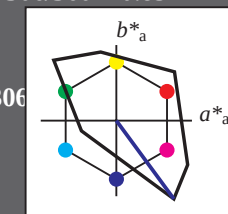
D65: hue V

LCH*Ma: 30 129 306

olv*Ma: 0.0 0.0 1.0

triangle lightness

1,00



%Gamut

$u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

0,75

relative Inform. Technology (IT)				
olvi3*	0.75	0.75	0.75	(1.0)
cmyn3*	0.25	0.25	0.25	(0.0)
olvi4*	1.0	1.0	1.0	0.75
cmyn4*	0.0	0.0	0.0	0.25
standard and adapted CIELAB				
LAB*LAB	71.57	0.0	0.0	
LAB*LABa	71.57	0.0	0.0	

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 328/360 = 0.912$

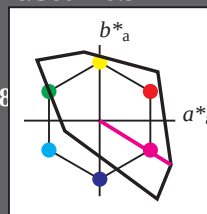
$lab \cdot tch$ and $lab \cdot nch$

D65: hue M

LCH*Ma: 57 111 328

olv*Ma: 1.0 0.0 1.0

triangle lightness



%Gamut
 $u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

chromaticness c^*

OE440-7, 5 step scales for constant CIELAB hue 328/360 = 0.912 (left)



BAM-test chart OE44; Colorimetric systems TLS00 & TLS00

D65: 5 step colour scales and coordinate data for 10 hues

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 328/360 = 0.912$

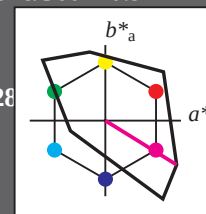
$lab \cdot tch$ and $lab \cdot nch$

D65: hue M

LCH*Ma: 57 111 328

olv*Ma: 1.0 0.0 1.0

triangle lightness



%Gamut
 $u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

chromaticness c^*

5 step scales for constant CIELAB hue 328/360 = 0.912 (right)

input: $cmv0^* \cdot setcmvcolor$

output: $cmv0^* / 000n^* \cdot setcmvcolor$

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 25/360 = 0.071$

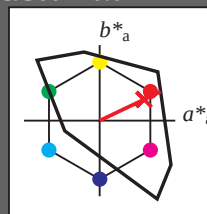
$lab \cdot tch$ and $lab \cdot nch$

D65: hue R

LCH*Ma: 52 89 25

olv*Ma: 1.0 0.0 0.21

triangle lightness



TLS00; adapted (a) CIELAB data					
	$L^* = L^*_{a,a}$	$a^*_{a,a}$	$b^*_{a,a}$	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

1,00

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 25/360 = 0.071$

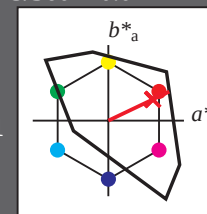
$lab \cdot tch$ and $lab \cdot nch$

D65: hue R

LCH*Ma: 52 89 25

olv*Ma: 1.0 0.0 0.21

triangle lightness



TLS00; adapted (a) CIELAB data					
	$L^* = L^*_{a,a}$	$a^*_{a,a}$	$b^*_{a,a}$	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

1,00

OE44-7, 5 step scales for constant CIELAB hue 25/360 = 0.071 (left)

BAM-test chart OE44; Colorimetric systems TLS00 & TLS00

D65: 5 step colour scales and coordinate data for 10 hues

5 step scales for constant CIELAB hue 25/360 = 0.071 (right)

input: $cmY0^* \text{ setcmYkcolor}$

output: $cmY0^* / 000n^* \text{ setcmYkcolor}$

Input: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 92/360 = 0.256$

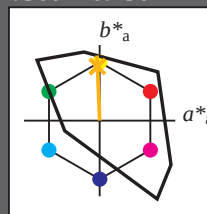
$lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

triangle lightness



TLS00; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

OE440-7, 5 step scales for constant CIELAB hue 92/360 = 0.256 (left)

BAM-test chart OE44; Colorimetric systems TLS00 & TLS00

D65: 5 step colour scales and coordinate data for 10 hues

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = lab \cdot h = 92/360 = 0.256$

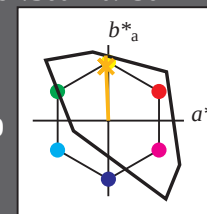
$lab \cdot tch$ and $lab \cdot nch$

D65: hue J

LCH*Ma: 85 86 92

olv*Ma: 1.0 0.82 0.0

triangle lightness



TLS00; adapted (a) CIELAB data

	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

chromaticness c^*

5 step scales for constant CIELAB hue 92/360 = 0.256 (right)

input: $cm y0^* \text{ setcm ykcolor}$

output: $cm y0^* / 000n^* \text{ setcm ykcolor}$

Input: Colorimetric Television Luminous System TLS00

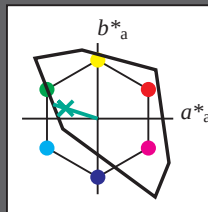
for hue $h^* = lab \cdot h = 162/360 = 0.451$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue G
LCH*Ma: 86 62 162
olv*Ma: 0.0 1.0 0.65

triangle lightness

1,00



% Gamut

$u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

% Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

Output: Colorimetric Television Luminous System TLS00

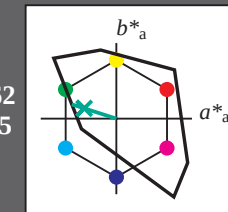
for hue $h^* = lab \cdot h = 162/360 = 0.451$

$lab \cdot tch$ and $lab \cdot nch$

D65: hue G
LCH*Ma: 86 62 162
olv*Ma: 0.0 1.0 0.65

triangle lightness

1,00



% Gamut

$u^*_{rel} = 158$

TLS00; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

% Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

BAM registration: 20060101-OE44/10S/S44E08FP.PS/.PDF
application for evaluation and measurement of printer or monitor systems

/OE44/ Form 9/10, Serie: 1/1, Page: 9

BAM material: code=rhadt4

Page count: 9

OE440-7, 5 step scales for constant CIELAB hue 162/360 = 0.451 (left)



BAM-test chart OE44; Colorimetric systems TLS00 & TLS00

D65: 5 step colour scales and coordinate data for 10 hues

5 step scales for constant CIELAB hue 162/360 = 0.451 (right)

input: $cmY0^* \text{ setcmYkcolor}$

output: $cmY0^* / 000n^* \text{ setcmYkcolor}$



Input: Colorimetric Television Luminous System TLS00

for hue $h^* = \text{lab}^*h = 272/360 = 0.755$

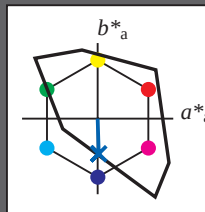
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 65 49 272

olv*Ma: 0.0 0.61 1.0

triangle lightness



TLS00; adapted (a) CIELAB data					
	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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 _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

Output: Colorimetric Television Luminous System TLS00

for hue $h^* = \text{lab}^*h = 272/360 = 0.755$

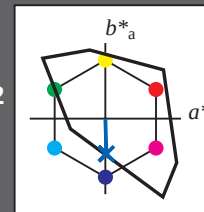
lab^*tch and lab^*nch

D65: hue B

LCH*Ma: 65 49 272

olv*Ma: 0.0 0.61 1.0

triangle lightness



TLS00; adapted (a) CIELAB data					
	$L^*=L_a^*$	a_a^*	b_a^*	$C^*_{ab,a}$	$h^*_{ab,a}$
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
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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 _{CIE}	39.92	58.74	27.99	65.07	25
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G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

%Regularity

$g^*_{H,rel} = 20$

$g^*_{C,rel} = 37$

1,00

0,75

$n^* = 0,00$

0,25

$n^* = 0,25$

$n^* = 0,50$

0,00

OE440-7, 5 step scales for constant CIELAB hue 272/360 = 0.755 (left)

BAM-test chart OE44; Colorimetric systems TLS00 & TLS00

D65: 5 step colour scales and coordinate data for 10 hues

5 step scales for constant CIELAB hue 272/360 = 0.755 (right)

input: $\text{cmy}0^* \text{ setcmykcolor}$

output: $\text{cmy}0^* / 000n^* \text{ setcmykcolor}$