

Input: Colorimetric Television Luminous System TLS00a

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

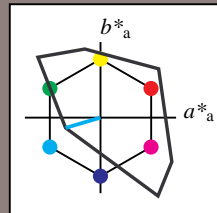
$lab^*tch$  and  $lab^*nch$

D65: hue C

LCH\*Ma: 87 48 196

olv\*Ma: 0.0 1.0 1.0

triangle lightness  $t^*$



TLS00a; 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	308
$M_{Ma}$	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

%Gamut

$u^*_{rel} = 158$

%Regularity

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

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

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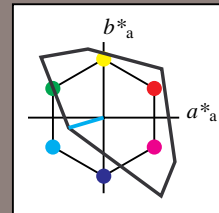
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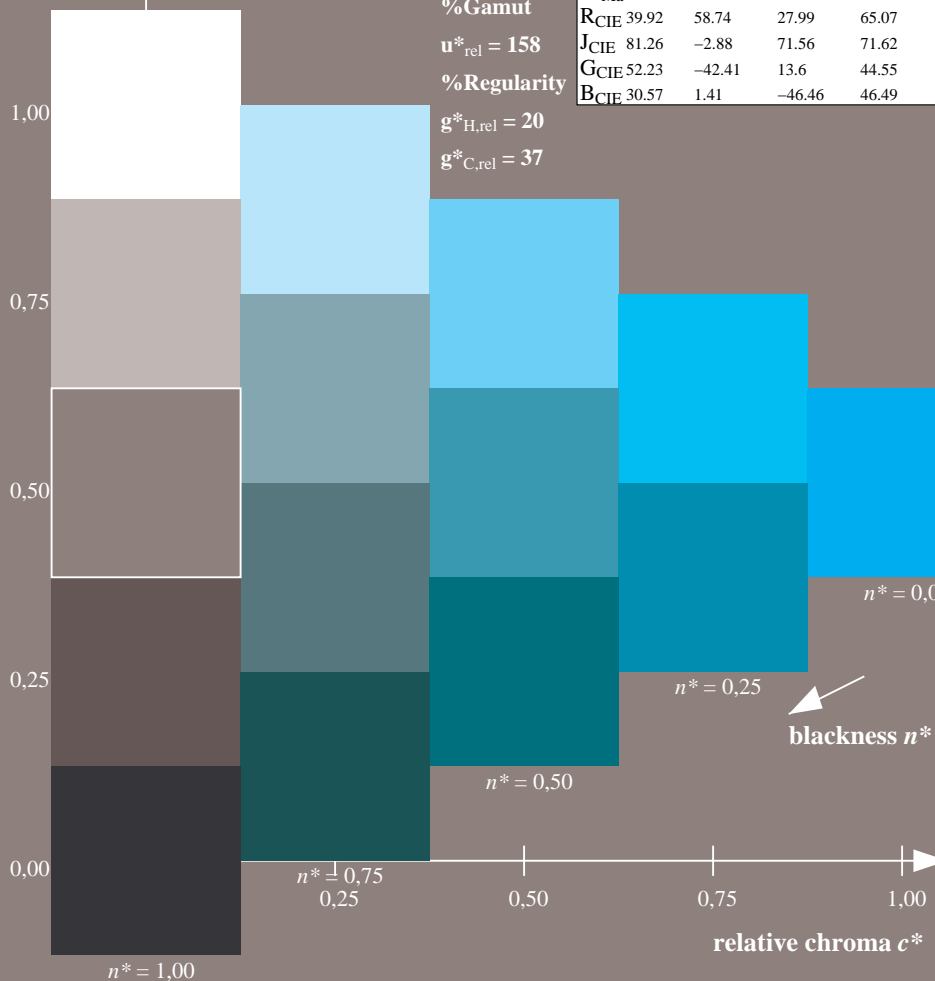
%Gamut

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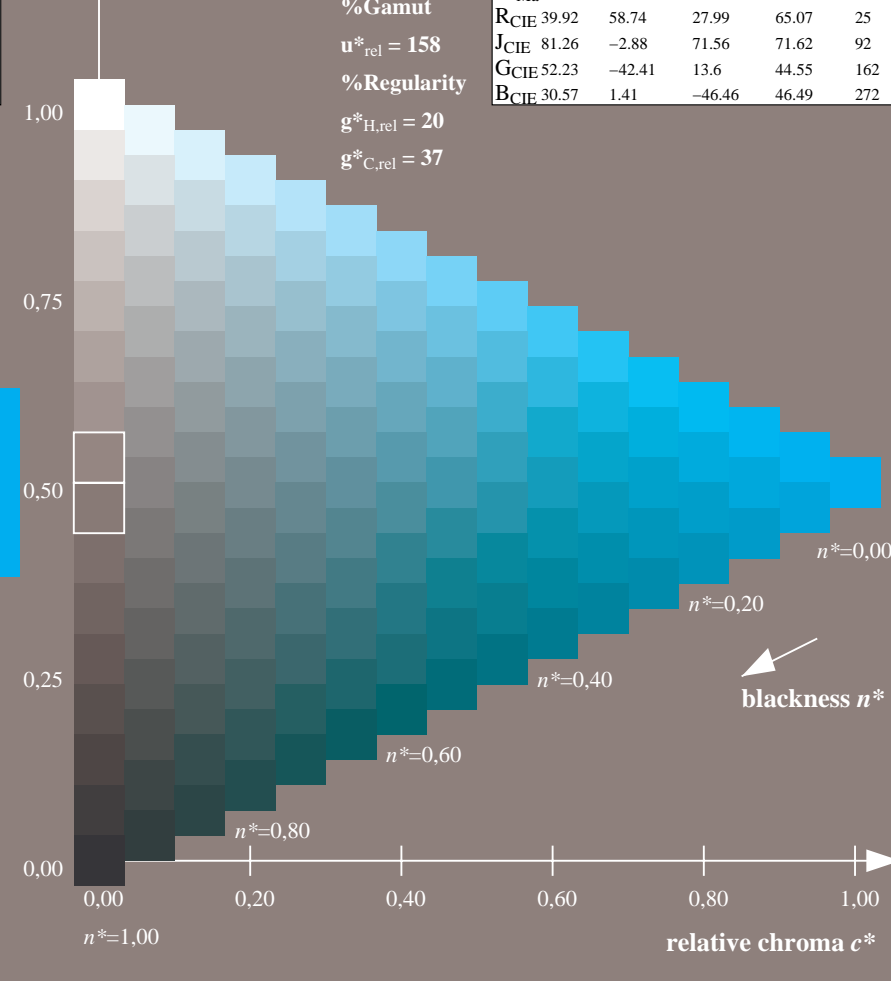
%Regularity

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



OE730-7N-020-3: 5 step scales for constant CIELAB hue 196/360 = 0.545 (left)



16 step scales for constant CIELAB hue 196/360 = 0.545 (right)

OE73: Test chart 2 according to DIN 33872-2, Hue C; DH  
 Discrimination of 5 and 16 step colour scales

input:  $cmY0$  ( $\rightarrow cmY0^*_D$ )  $setcmyk$   
 output 020-3: no change

See similar ISO test charts: <http://www.ps.bam.de/24705TTE> ; <http://www.ps.bam.de/9241E>  
 Technical information: <http://www.ps.bam.de/33872E> Version 2.1, io=1,1

TUB registration: 20110801-OE73/OE73L4NP.PDF /.PS  
 application for output of displays: monitor systems or data projector systems  
 TUB material: code=rh4ta