

### Input: Colorimetric Reflective System NRS11

for hue  $h^* = lab^*h = 272/360 = 0.755$

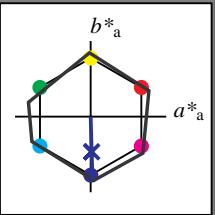
$lab^*tch$  and  $lab^*nch$

D65: hue B

LCH\*Ma: 53 83 272

rgb\*Ma: 0.0 0.02 1.0

triangle lightness



### NRS11; adapted (a) CIELAB data

	$L^* = L^*_a$	$a^*_a$	$b^*_a$	$C^*_{ab,a}$	$h^*_{ab,a}$
RMa	53.2	77.06	34.32	84.36	24
JMa	53.2	-1.51	84.38	84.39	91
GMa	53.2	-82.27	18.98	84.44	167
G50BMa	53.2	-77.72	-32.98	84.44	203
BMa	53.2	4.37	-84.28	84.41	273
B50RMa	53.2	69.09	-48.41	84.37	325
NMa	10.99	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	39.92	58.69	27.98	65.01	25
JCIE	81.26	-2.9	71.56	71.62	92
GCIE	52.23	-42.45	13.59	44.59	162
BCIE	30.57	1.35	-46.48	46.51	272



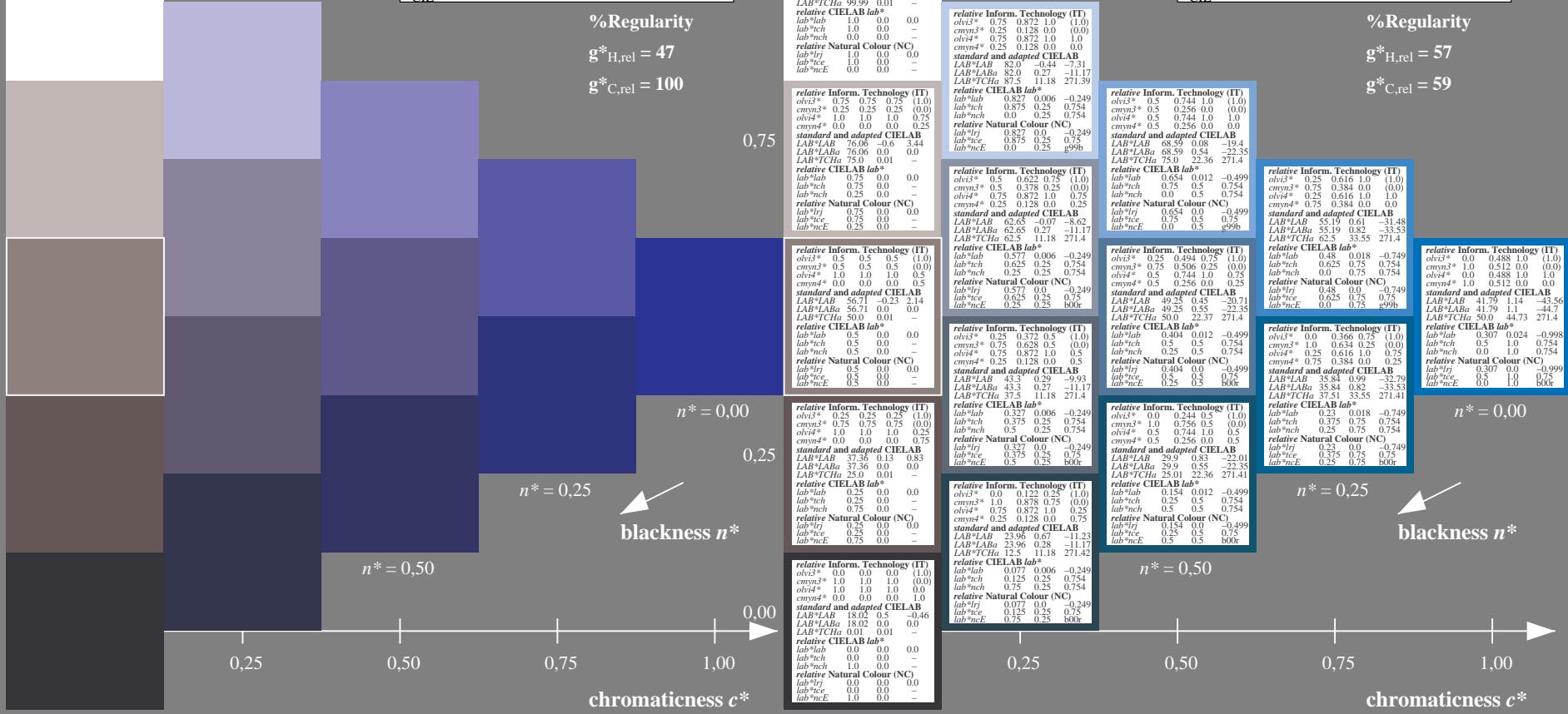
%Gamut

$u^*_{rel} = 119$

### %Regularity

$g^*_{H,rel} = 47$

$g^*_{C,rel} = 100$



UE470-7, 5 step scales for constant CIELAB hue 272/360 = 0.755 (left)

BAM-test chart UE47; Colorimetric systems NRS11 & ORS18  
 D65: 5 step colour scales and coordinate data for 10 hues

### Output: Colorimetric Reflective System ORS18

for hue  $h^* = lab^*h = 271/360 = 0.754$

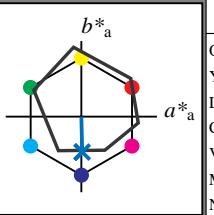
$lab^*tch$  and  $lab^*nch$

D65: hue B

LCH\*Ma: 42 45 271

rgb\*Ma: 0.0 0.49 1.0

triangle lightness



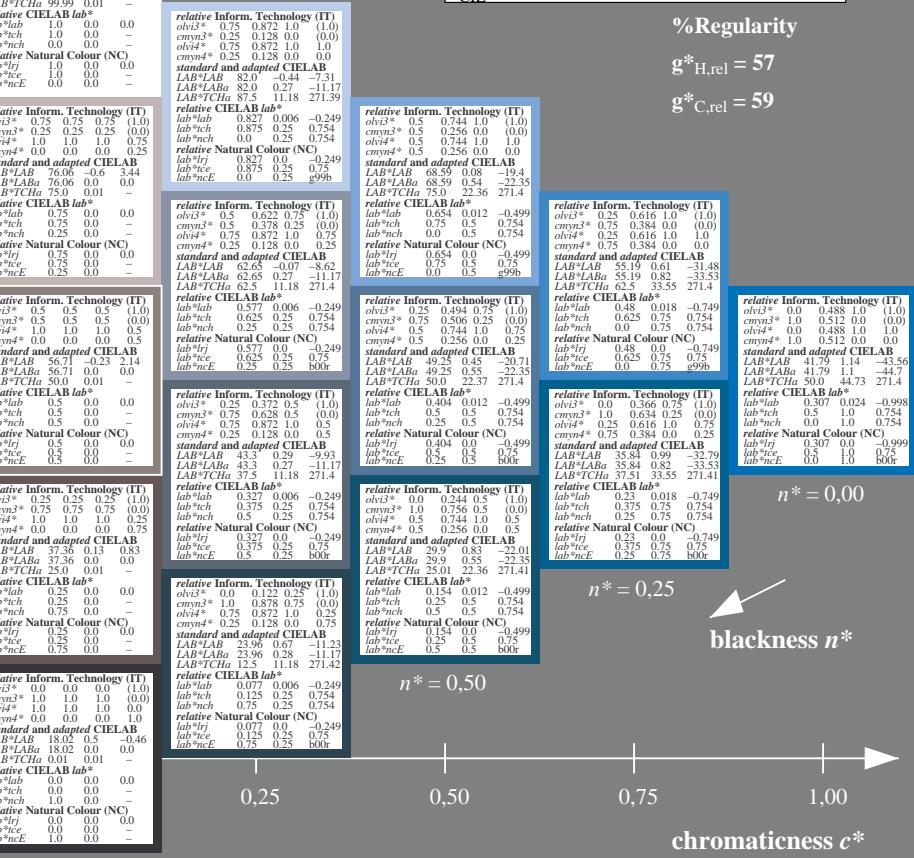
%Gamut

$u^*_{rel} = 93$

### %Regularity

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 59$



5 step scales for constant CIELAB hue 271/360 = 0.754 (right)

input:  $cmy0*$  setcmykcolor  
 output: no change compared to input