

Input: Colorimetric Offset Reflective System ORS18

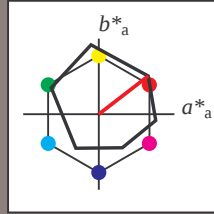
for hue $h^* = lab^*h = 38/360 = 0.105$

lab*tch and lab*nch

D65: hue O

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



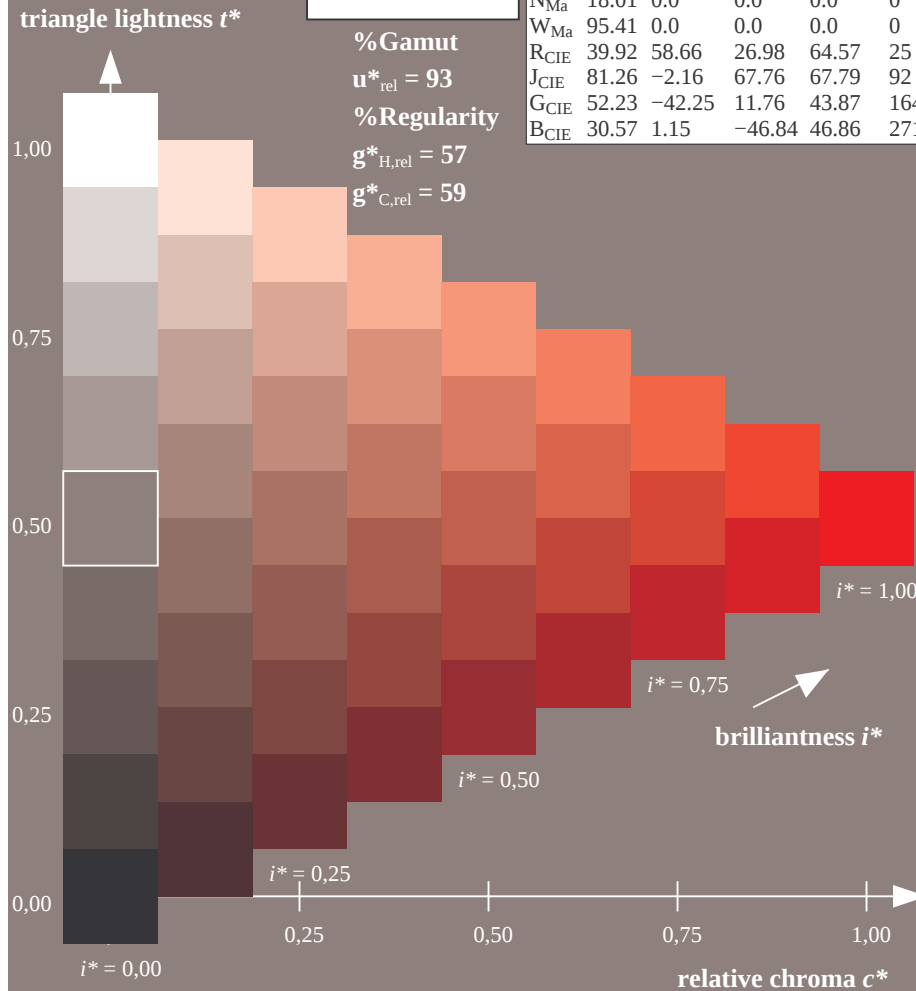
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 93$$

%Regularity

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 59$$

ORS18; adapted (a) CIELAB data					
	$L^* = L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	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 _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271



ZE640-7F, 9 step scales for constant CIELAB hue 38/360 = 0.105 (left)

BAM-test chart ZE64; Colorimetric systems, Page 1/10
D65: 9 and 16 step colour scales for 10 hues

Output: Colorimetric Offset Reflective System ORS18

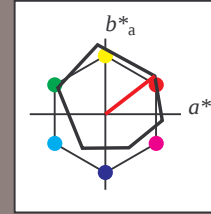
for hue $h^* = lab^*h = 38/360 = 0.105$

lab*tch* and *lab*nch

D65: hue 0

LCH*Ma: 48 83 38

olv*Ma: 1.0 0.0 0.0



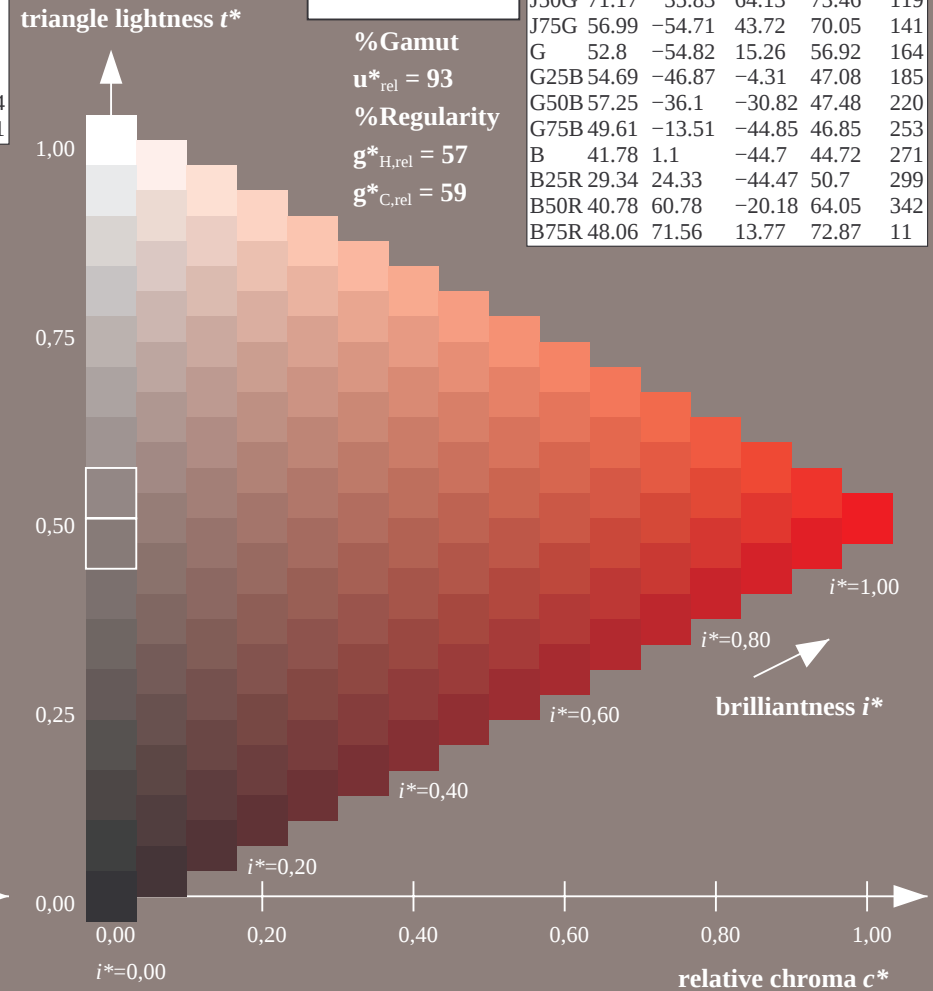
%Gamut

$$\mathbf{u}_{\text{rel}}^* = 93$$

%Regularity

$$g^*_{H,rel} = 57$$
$$g^*_{C,rel} = 59$$

ORS18; adapted (a) CIELAB data					
	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	48.0	68.58	31.54	75.48	25
R25J	50.11	61.52	52.63	80.96	41
R50J	62.87	38.77	65.02	75.71	59
R75J	74.87	17.37	76.69	78.63	77
J	86.19	-2.8	87.69	87.73	92
J25G	84.01	-18.73	82.6	84.7	103
J50G	71.17	-35.83	64.13	73.46	119
J75G	56.99	-54.71	43.72	70.05	141
G	52.8	-54.82	15.26	56.92	164
G25B	54.69	-46.87	-4.31	47.08	185
G50B	57.25	-36.1	-30.82	47.48	220
G75B	49.61	-13.51	-44.85	46.85	253
B	41.78	1.1	-44.7	44.72	271
B25R	29.34	24.33	-44.47	50.7	299
B50R	40.78	60.78	-20.18	64.05	342
B75R	48.06	71.56	13.77	72.87	11



ZE640-7F, 16 step scales for constant CIELAB hue 38/360 = 0.105 (right)

```
input: rgb / cmy0 set(rgb/cmyk)color
output: ->LAB*->cmy0* setcmykcolor
```

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 96/360 = 0.268$

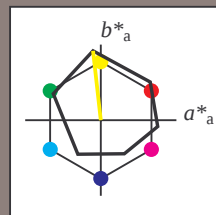
lab^*tch and lab^*nch

D65: hue Y

LCH*Ma: 90 92 96

olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	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 _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 96/360 = 0.268$

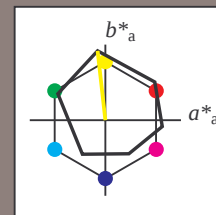
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D65: hue Y

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olv*Ma: 1.0 1.0 0.0

triangle lightness t^*



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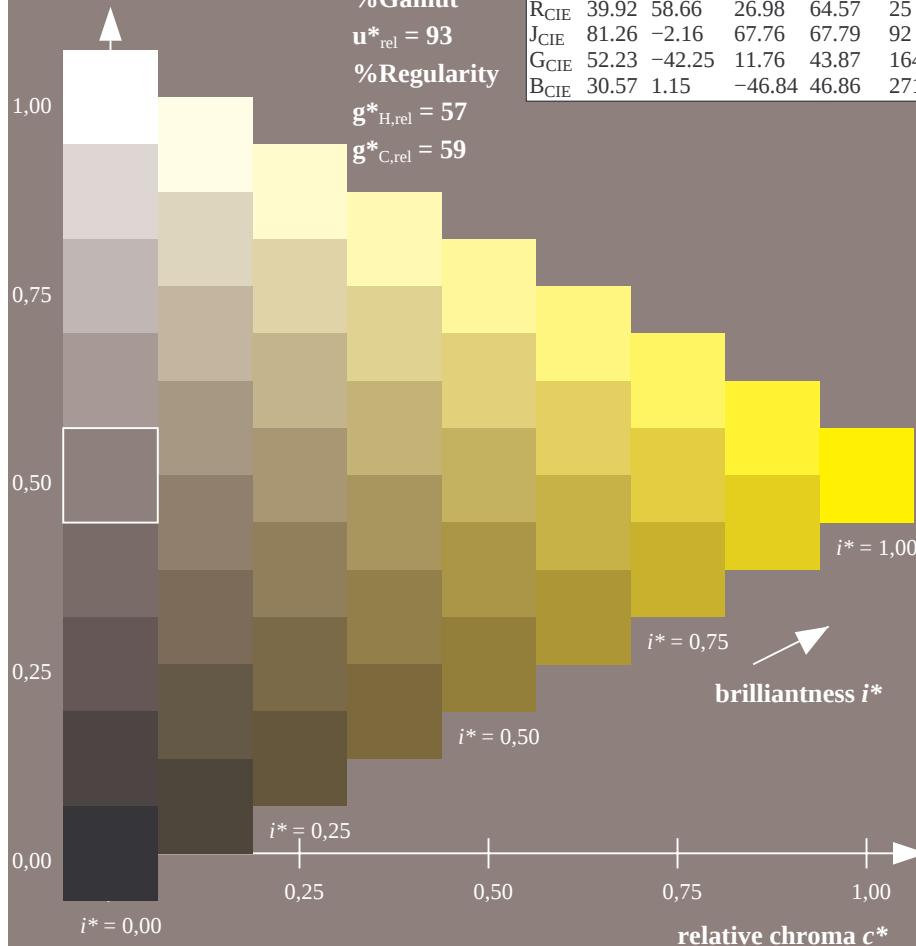
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ZE640-7F, 9 step scales for constant CIELAB hue 96/360 = 0.268 (left)

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ZE640-7F, 16 step scales for constant CIELAB hue 96/360 = 0.268 (right)

BAM-test chart ZE64; Colorimetric systems, Page 2/10

D65: 9 and 16 step colour scales for 10 hues

input: $rgb / cmy0$ set($rgb/cmyk$)color

output: $\rightarrow LAB^* \rightarrow cmy0^*$ set($cmyk$)color

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 151/360 = 0.419$

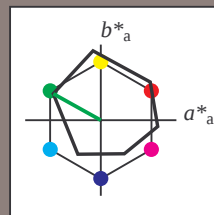
lab^*tch and lab^*nch

D65: hue L

LCH*Ma: 51 72 151

olv*Ma: 0.0 1.0 0.0

triangle lightness t^*



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N _{Ma}	18.01	0.0	0.0	0.0	0
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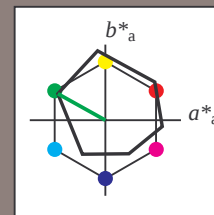
lab^*tch and lab^*nch

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olv*Ma: 0.0 1.0 0.0

triangle lightness t^*



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Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 236/360 = 0.656$

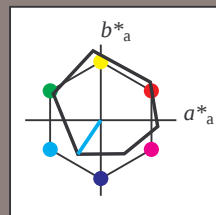
lab^*tch and lab^*nch

D65: hue C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



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Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 236/360 = 0.656$

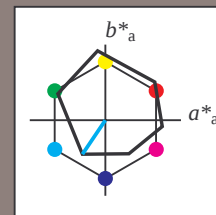
lab^*tch and lab^*nch

D65: hue C

LCH*Ma: 59 54 236

olv*Ma: 0.0 1.0 1.0

triangle lightness t^*



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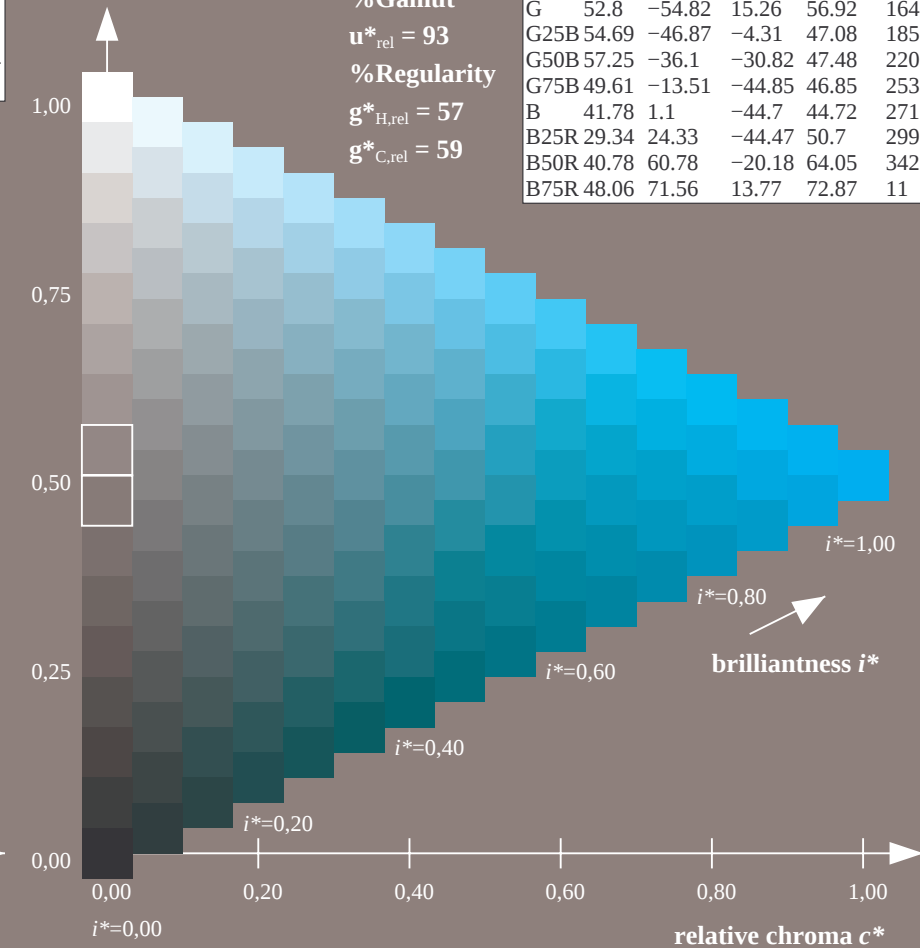
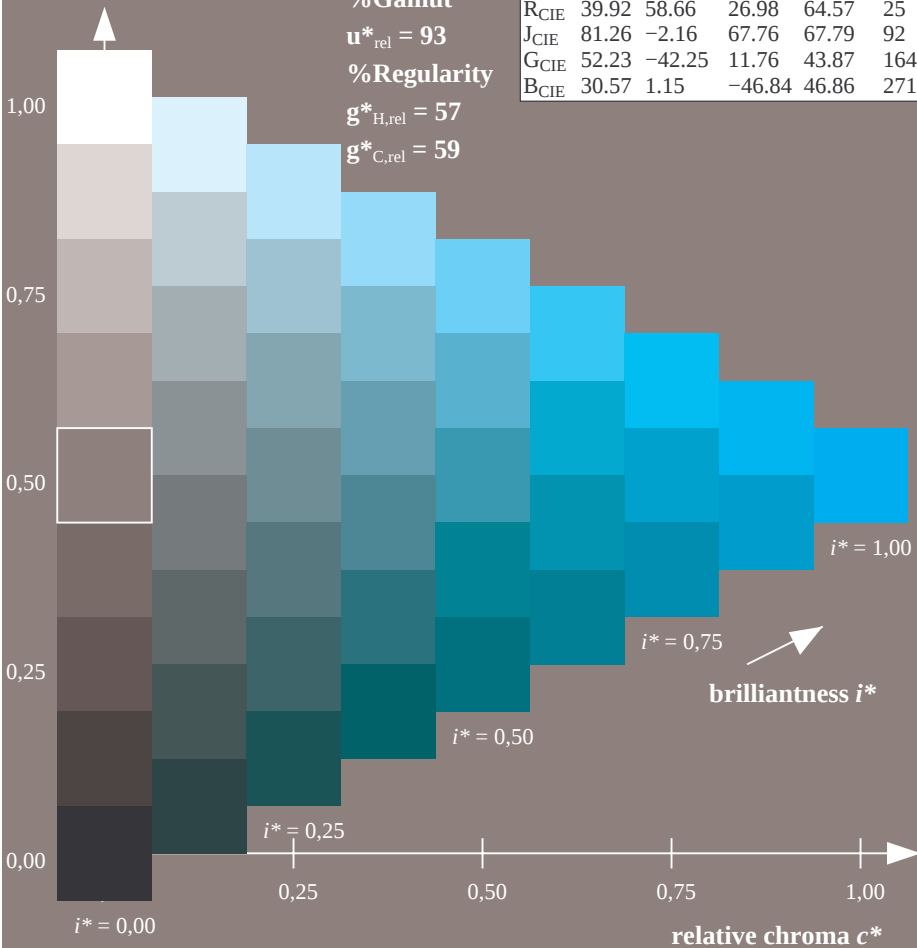
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ZE640-7F, 9 step scales for constant CIELAB hue 236/360 = 0.656 (left)

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ZE640-7F, 16 step scales for constant CIELAB hue 236/360 = 0.656 (right)

BAM-test chart ZE64; Colorimetric systems, Page 4/10

D65: 9 and 16 step colour scales for 10 hues

input: $rgb / cmy0$ set($rgb/cmyk$)color

output: $\rightarrow LAB^* \rightarrow cmy0^* setcmykcolor$

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 305/360 = 0.847$

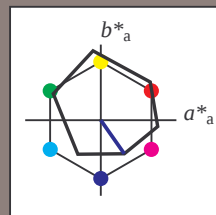
lab^*tch and lab^*nch

D65: hue V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

triangle lightness t^*



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ORS18; adapted (a) CIELAB data

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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	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	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 _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 305/360 = 0.847$

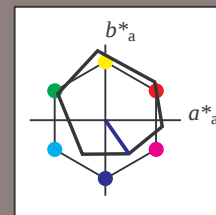
lab^*tch and lab^*nch

D65: hue V

LCH*Ma: 26 54 305

olv*Ma: 0.0 0.0 1.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	48.0	68.58	31.54	75.48	25
R25J	50.11	61.52	52.63	80.96	41
R50J	62.87	38.77	65.02	75.71	59
R75J	74.87	17.37	76.69	78.63	77
J	86.19	-2.8	87.69	87.73	92
J25G	84.01	-18.73	82.6	84.7	103
J50G	71.17	-35.83	64.13	73.46	119
J75G	56.99	-54.71	43.72	70.05	141
G	52.8	-54.82	15.26	56.92	164
G25B	54.69	-46.87	-4.31	47.08	185
G50B	57.25	-36.1	-30.82	47.48	220
G75B	49.61	-13.51	-44.85	46.85	253
B	41.78	1.1	-44.7	44.72	271
B25R	29.34	24.33	-44.47	50.7	299
B50R	40.78	60.78	-20.18	64.05	342
B75R	48.06	71.56	13.77	72.87	11

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

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

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

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

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$u^*_{rel} = 93$

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

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

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$u^*_{rel} = 93$

%Regularity

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

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

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

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

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

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

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

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$u^*_{rel} = 93$

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

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

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

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

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

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

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

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$u^*_{rel} = 93$

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

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

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

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

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$u^*_{rel} = 93$

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 354/360 = 0.982$

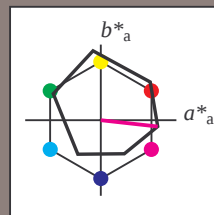
lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	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 _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 354/360 = 0.982$

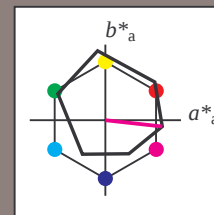
lab^*tch and lab^*nch

D65: hue M

LCH*Ma: 48 76 354

olv*Ma: 1.0 0.0 1.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	48.0	68.58	31.54	75.48	25
R25J	50.11	61.52	52.63	80.96	41
R50J	62.87	38.77	65.02	75.71	59
R75J	74.87	17.37	76.69	78.63	77
J	86.19	-2.8	87.69	87.73	92
J25G	84.01	-18.73	82.6	84.7	103
J50G	71.17	-35.83	64.13	73.46	119
J75G	56.99	-54.71	43.72	70.05	141
G	52.8	-54.82	15.26	56.92	164
G25B	54.69	-46.87	-4.31	47.08	185
G50B	57.25	-36.1	-30.82	47.48	220
G75B	49.61	-13.51	-44.85	46.85	253
B	41.78	1.1	-44.7	44.72	271
B25R	29.34	24.33	-44.47	50.7	299
B50R	40.78	60.78	-20.18	64.05	342
B75R	48.06	71.56	13.77	72.87	11

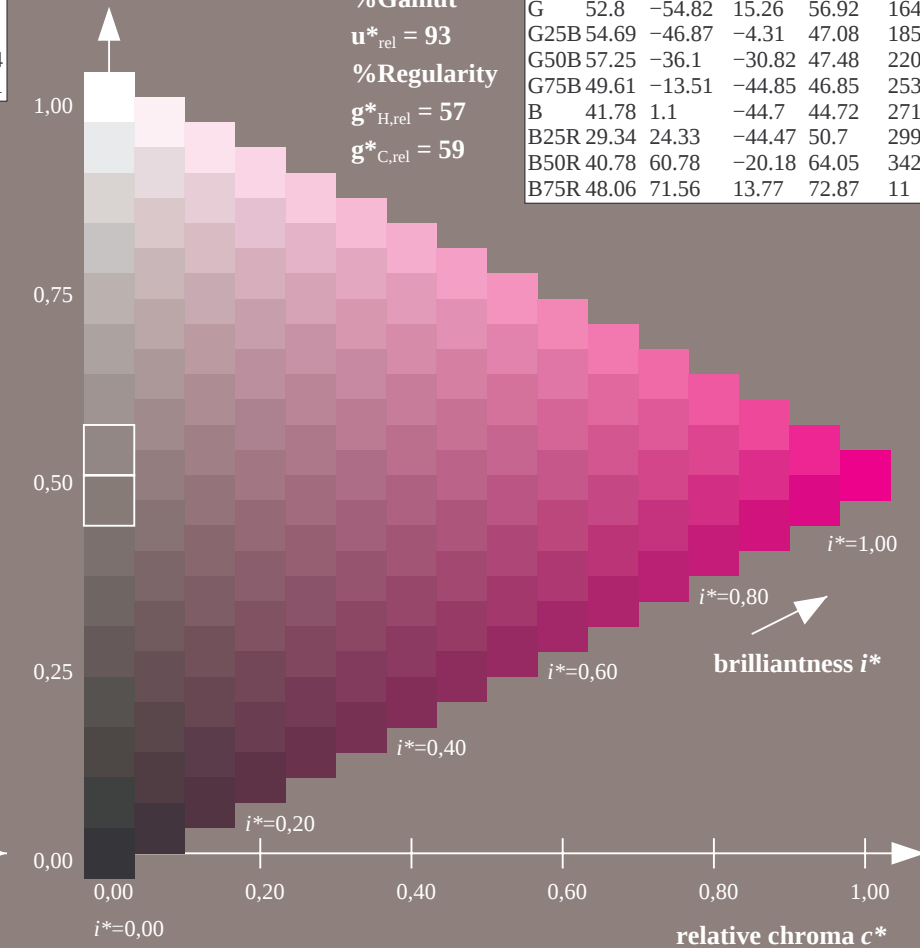
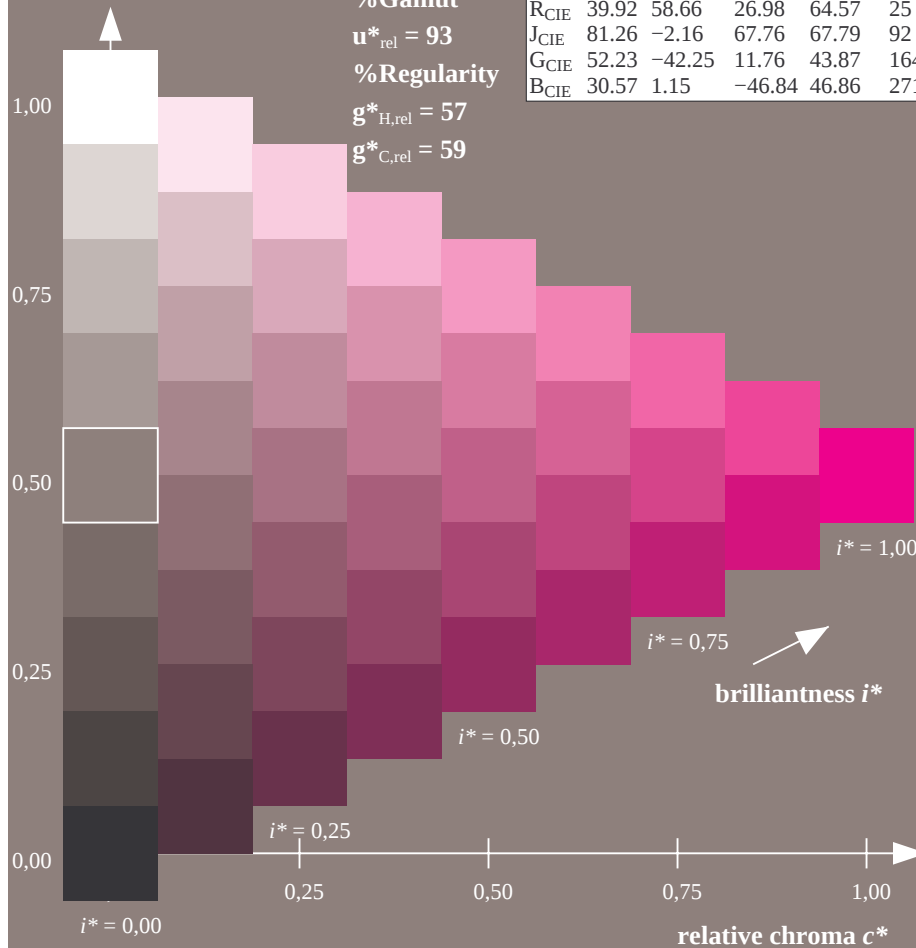
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE640-7F, 9 step scales for constant CIELAB hue 354/360 = 0.982 (left)

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ZE640-7F, 16 step scales for constant CIELAB hue 354/360 = 0.982 (right)

BAM-test chart ZE64; Colorimetric systems, Page 6/10

D65: 9 and 16 step colour scales for 10 hues

input: $rgb / cmy0$ set($rgb/cmyk$)color

output: $\rightarrow LAB^* \rightarrow cmy0^* setcmykcolor$

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 25/360 = 0.069$

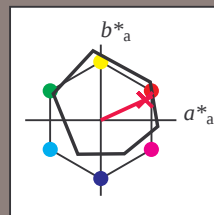
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	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 _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 25/360 = 0.069$

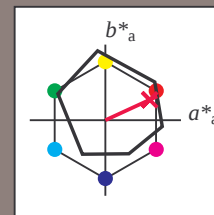
lab^*tch and lab^*nch

D65: hue R

LCH*Ma: 48 75 25

olv*Ma: 1.0 0.0 0.32

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	48.0	68.58	31.54	75.48	25
R25J	50.11	61.52	52.63	80.96	41
R50J	62.87	38.77	65.02	75.71	59
R75J	74.87	17.37	76.69	78.63	77
J	86.19	-2.8	87.69	87.73	92
J25G	84.01	-18.73	82.6	84.7	103
J50G	71.17	-35.83	64.13	73.46	119
J75G	56.99	-54.71	43.72	70.05	141
G	52.8	-54.82	15.26	56.92	164
G25B	54.69	-46.87	-4.31	47.08	185
G50B	57.25	-36.1	-30.82	47.48	220
G75B	49.61	-13.51	-44.85	46.85	253
B	41.78	1.1	-44.7	44.72	271
B25R	29.34	24.33	-44.47	50.7	299
B50R	40.78	60.78	-20.18	64.05	342
B75R	48.06	71.56	13.77	72.87	11

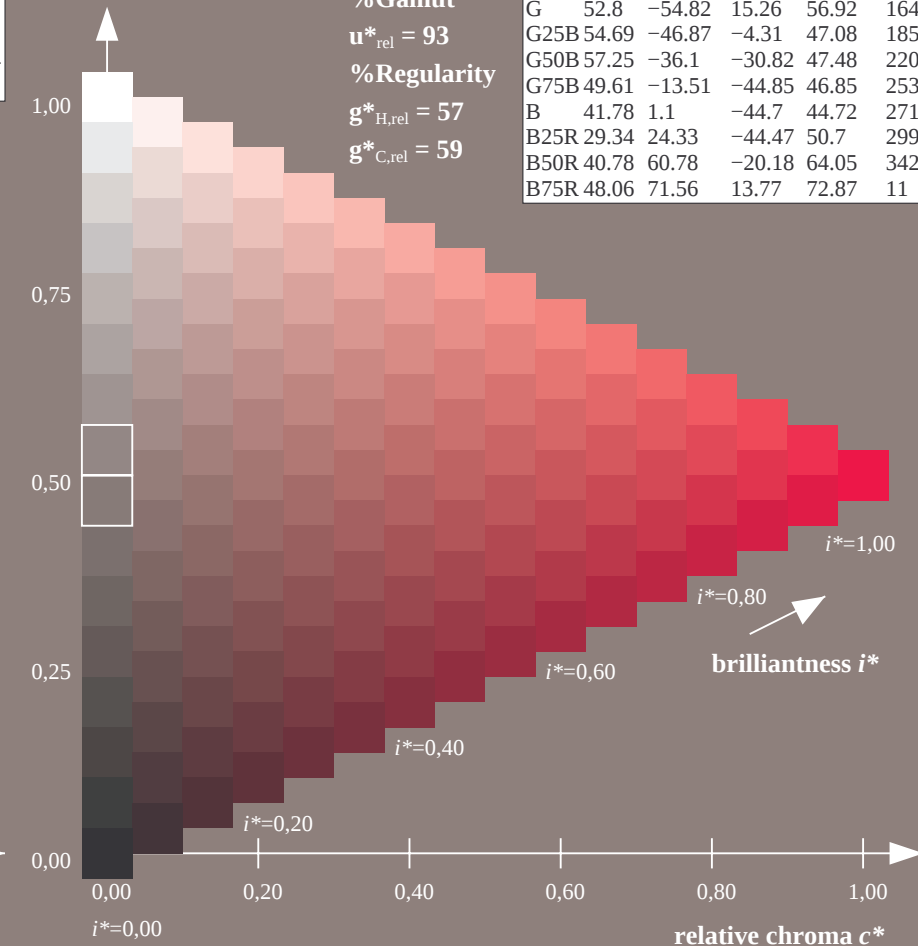
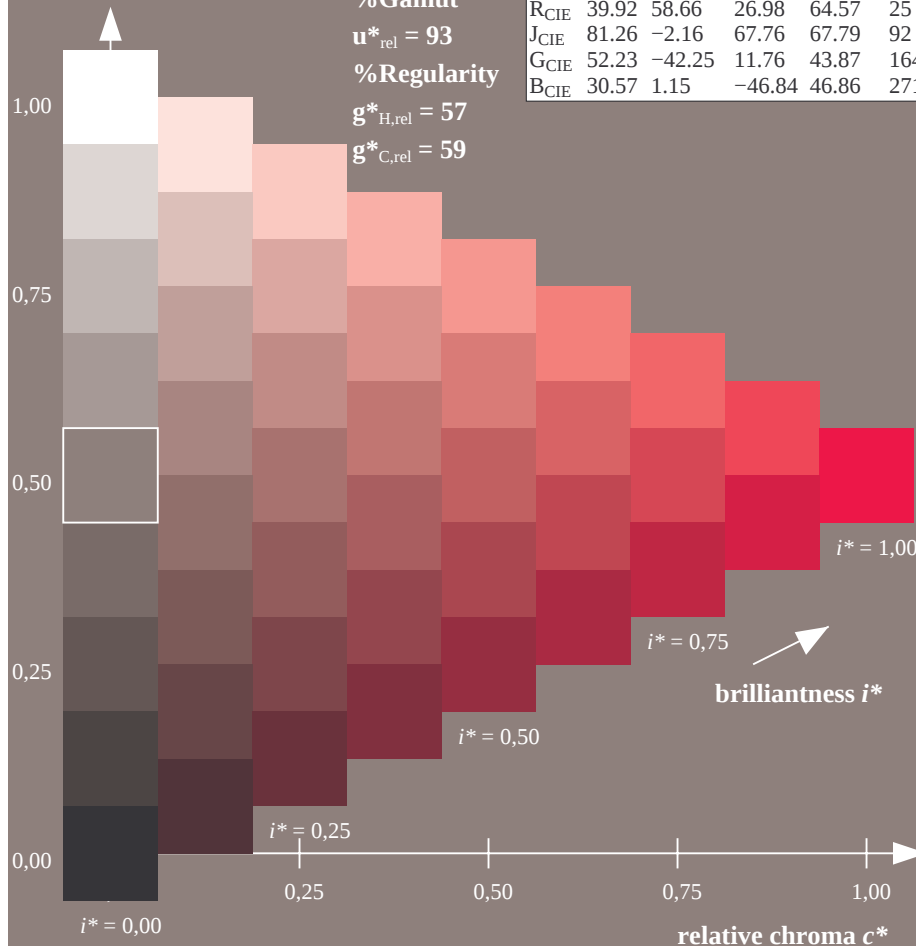
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE640-7F, 9 step scales for constant CIELAB hue 25/360 = 0.069 (left)

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ZE640-7F, 16 step scales for constant CIELAB hue 25/360 = 0.069 (right)

BAM-test chart ZE64; Colorimetric systems, Page 7/10

D65: 9 and 16 step colour scales for 10 hues

input: $rgb / cmy0$ set($rgb/cmyk$)color

output: $\rightarrow LAB^* \rightarrow cmy0^* setcmykcolor$

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 92/360 = 0.255$

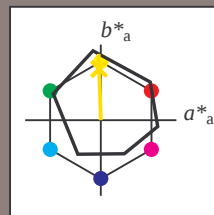
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	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 _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 92/360 = 0.255$

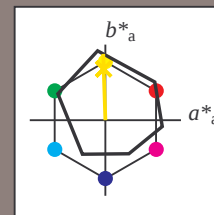
lab^*tch and lab^*nch

D65: hue J

LCH*Ma: 86 88 92

olv*Ma: 1.0 0.9 0.0

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	48.0	68.58	31.54	75.48	25
R25J	50.11	61.52	52.63	80.96	41
R50J	62.87	38.77	65.02	75.71	59
R75J	74.87	17.37	76.69	78.63	77
J	86.19	-2.8	87.69	87.73	92
J25G	84.01	-18.73	82.6	84.7	103
J50G	71.17	-35.83	64.13	73.46	119
J75G	56.99	-54.71	43.72	70.05	141
G	52.8	-54.82	15.26	56.92	164
G25B	54.69	-46.87	-4.31	47.08	185
G50B	57.25	-36.1	-30.82	47.48	220
G75B	49.61	-13.51	-44.85	46.85	253
B	41.78	1.1	-44.7	44.72	271
B25R	29.34	24.33	-44.47	50.7	299
B50R	40.78	60.78	-20.18	64.05	342
B75R	48.06	71.56	13.77	72.87	11

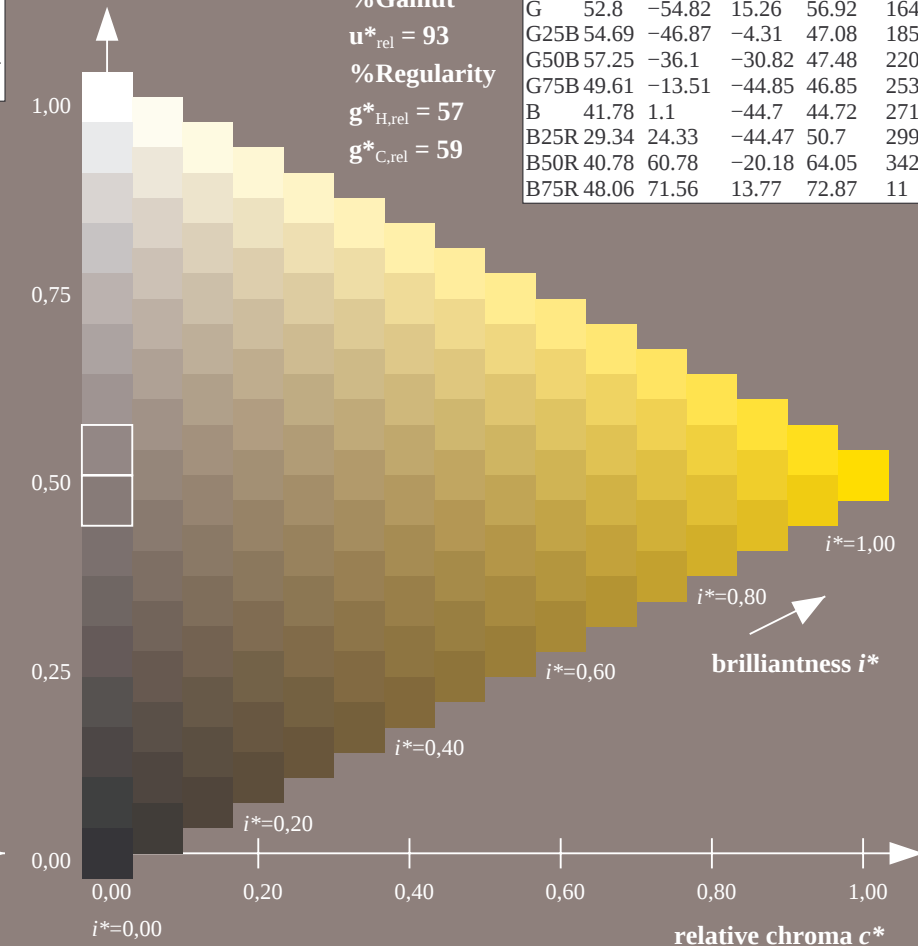
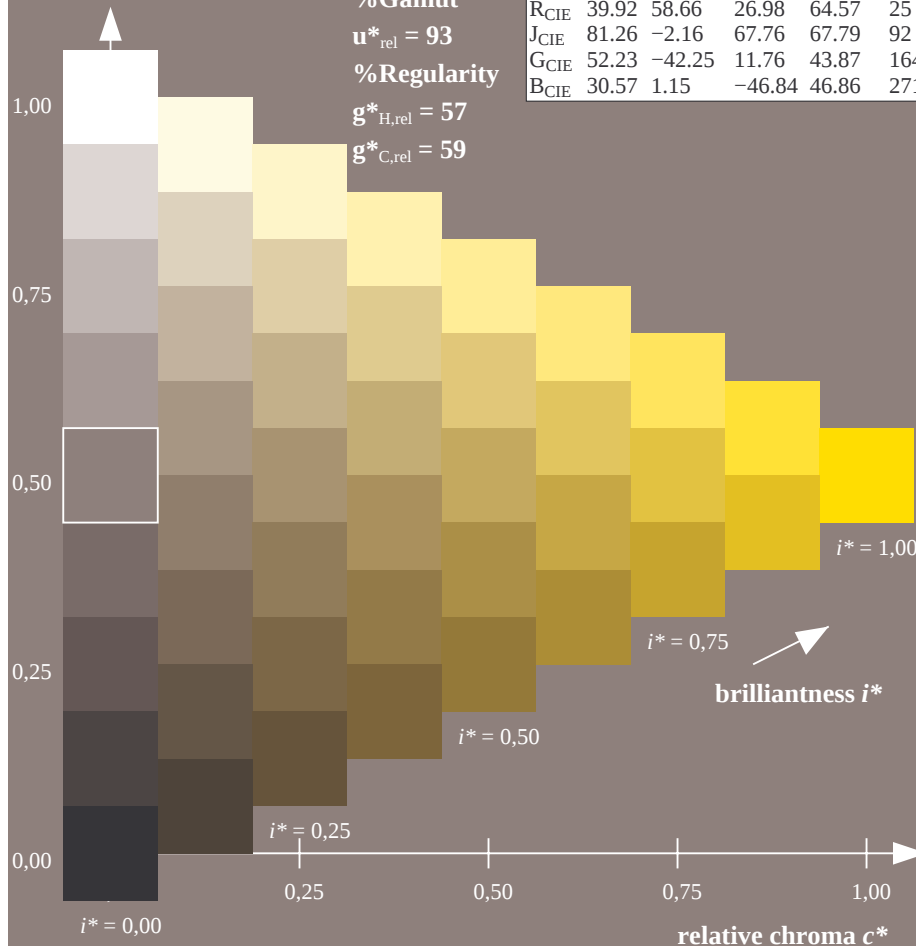
%Gamut

$u^*_{rel} = 93$

%Regularity

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

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



ZE640-7F, 9 step scales for constant CIELAB hue 92/360 = 0.255 (left)

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ZE640-7F, 16 step scales for constant CIELAB hue 92/360 = 0.255 (right)

BAM-test chart ZE64; Colorimetric systems, Page 8/10

D65: 9 and 16 step colour scales for 10 hues

input: $rgb / cmy0$ set($rgb/cmyk$)color

output: $\rightarrow LAB^* \rightarrow cmy0^* setcmykcolor$

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 164/360 = 0.457$

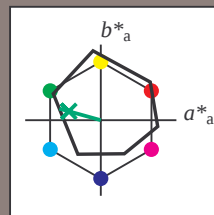
lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
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	-45.01	54.3	236
V _{Ma}	25.72	31.1	-44.4	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 _{CIE}	39.92	58.66	26.98	64.57	25
J _{CIE}	81.26	-2.16	67.76	67.79	92
G _{CIE}	52.23	-42.25	11.76	43.87	164
B _{CIE}	30.57	1.15	-46.84	46.86	271

Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 164/360 = 0.457$

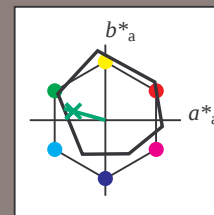
lab^*tch and lab^*nch

D65: hue G

LCH*Ma: 53 57 164

olv*Ma: 0.0 1.0 0.25

triangle lightness t^*



%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	48.0	68.58	31.54	75.48	25
R25J	50.11	61.52	52.63	80.96	41
R50J	62.87	38.77	65.02	75.71	59
R75J	74.87	17.37	76.69	78.63	77
J	86.19	-2.8	87.69	87.73	92
J25G	84.01	-18.73	82.6	84.7	103
J50G	71.17	-35.83	64.13	73.46	119
J75G	56.99	-54.71	43.72	70.05	141
G	52.8	-54.82	15.26	56.92	164
G25B	54.69	-46.87	-4.31	47.08	185
G50B	57.25	-36.1	-30.82	47.48	220
G75B	49.61	-13.51	-44.85	46.85	253
B	41.78	1.1	-44.7	44.72	271
B25R	29.34	24.33	-44.47	50.7	299
B50R	40.78	60.78	-20.18	64.05	342
B75R	48.06	71.56	13.77	72.87	11

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

$u^*_{rel} = 93$

%Regularity

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

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

%Gamut

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%Gamut

$u^*_{rel} = 93$

%Regularity

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

Input: Colorimetric Offset Reflective System ORS18

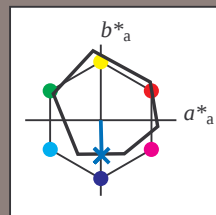
for hue $h^* = lab^*h = 271/360 = 0.754$

lab*tch and lab*nch

D65: hue B

LCH*Ma: 42 45 271

olv*Ma: 0.0 0.49 1.0

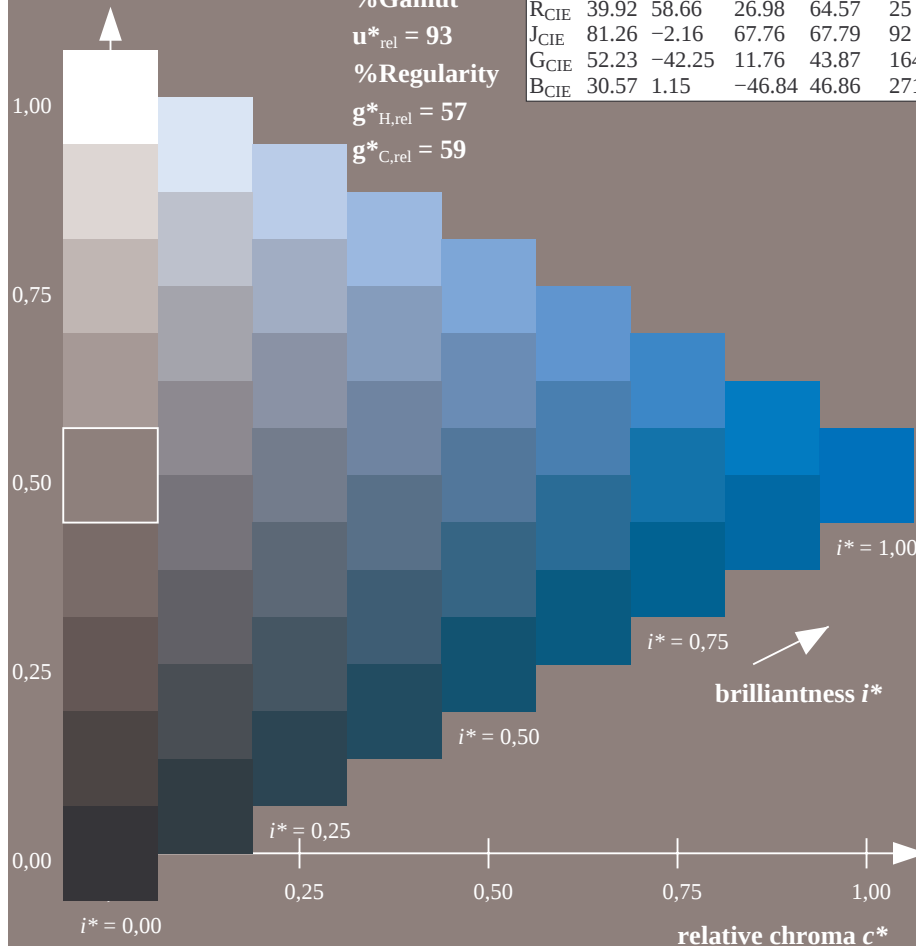


triangle lightness t^*

%Gamut

$$\mathbf{u}_{\text{rel}}^* = 93$$

%Regularity

$$g^*_{H_{rel}} = 57$$
 $\mathbf{g}_{C_{rel}}^* = 59$ 

ZE640-7F, 9 step scales for constant CIELAB hue 271/360 = 0.754 (left)

BAM-test chart ZE64; Colorimetric systems, Page 10/10

D65: 9 and 16 step colour scales for 10 hues

Output: Colorimetric Offset Reflective System ORS18

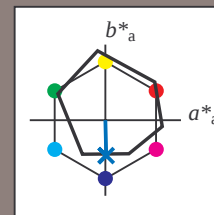
for hue $h^* = lab^*h = 271/360 = 0.754$

lab*tch and lab*nch

D65: hue B

LCH*Ma: 42 45 271

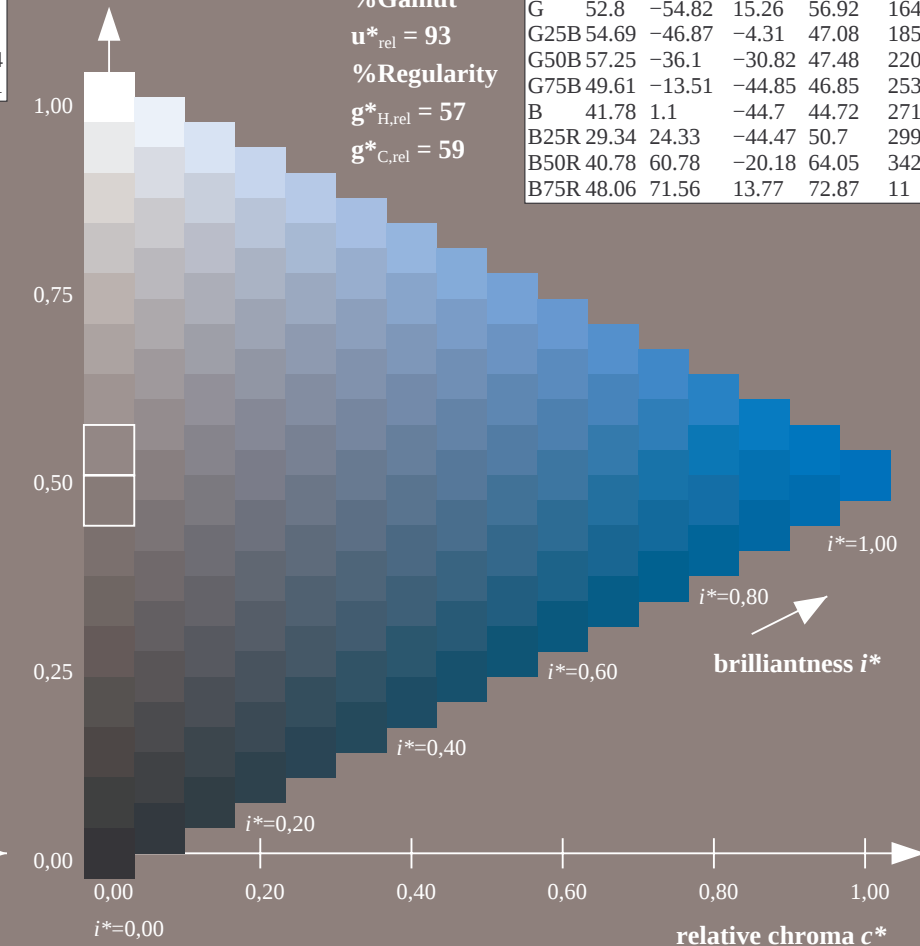
olv*Ma: 0.0 0.49 1.0

triangle lightness t^*

%Gamut

$$\mathbf{u}_{\text{rel}}^* = 93$$

%Regularity

$$g^*_{H_{rel}} = 57$$
$$g^*_{C_{rel}} = 59$$


ZE640-7F, 16 step scales for constant CIELAB hue 271/360 = 0.754 (right)

input: *rgb* / *cmy0* set(*rgb/cmyk*)color

```
output: ->LAB*->cmym0* setcmykcolor
```