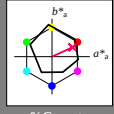
Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 25/360 = 0.069**
lab*tch* and *lab*nch
D65: hue R
LCH*Ma: 52 69 25
olv*Ma: 1.0 0.0 0.32

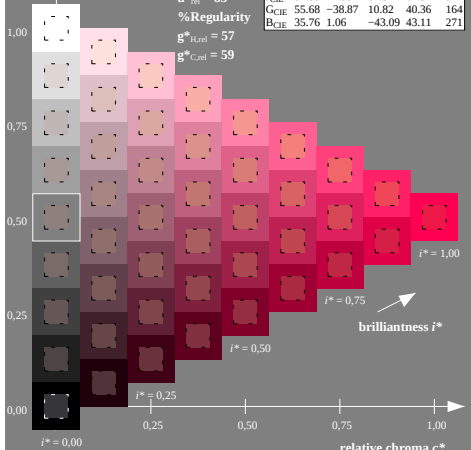


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

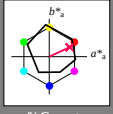
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



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: 52 69 25
olv*Ma: 1.0 0.0 0.32

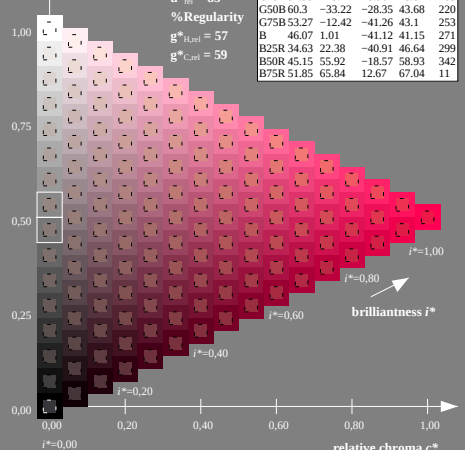


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

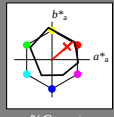
%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 25/360 = 0.069 (left) Page 1/96 ZE920−7N, 16 step scales for constant CIELAB hue 25/360 = 0.069 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 41/360 = 0.113$
lab*tch* and *lab*nch
D65: hue R25J
LCH*Ma: 54 74 41
olv*Ma: 1.0 0.05 0.0

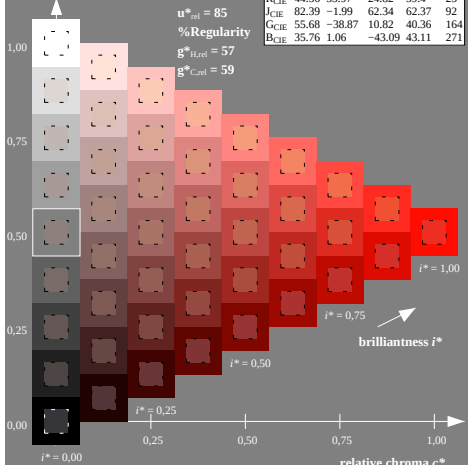


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

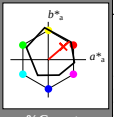
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 41/360 = 0.113$
lab*tch* and *lab*nch
D65: hue R25J
LCH*Ma: 54 74 41
olv*Ma: 1.0 0.05 0.0

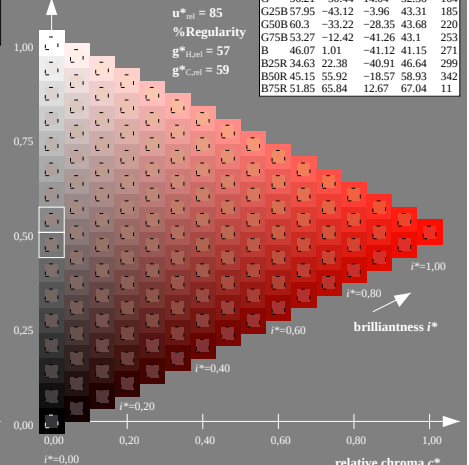


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



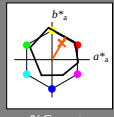
ZE920−7N, 9 step scales for constant CIELAB hue 41/360 = 0.113 (left) Page 2/96 ZE920−7N, 16 step scales for constant CIELAB hue 41/360 = 0.113 (right)

BAM-test chart ZE92; Colorimetric systems, Page 2/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: no change compared to input

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 59/360 = 0.164**
lab*tch* and *lab*nch
D65: hue R50J
LCH*Ma: 65 70 59
olv*Ma: 1.0 0.35 0.0

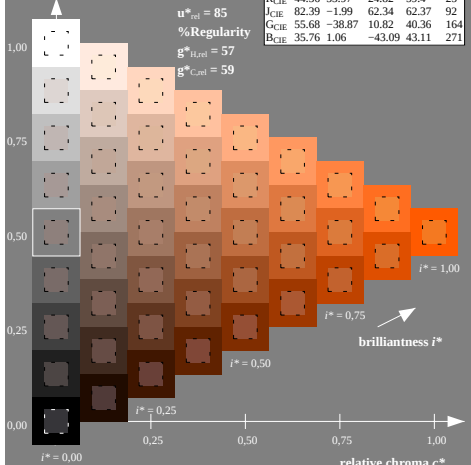


ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a**a	*b**	*C**ab,a	*h**ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

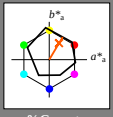
triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 59/360 = 0.164**
lab*tch* and *lab*nch
D65: hue R50J
LCH*Ma: 65 70 59
olv*Ma: 1.0 0.35 0.0

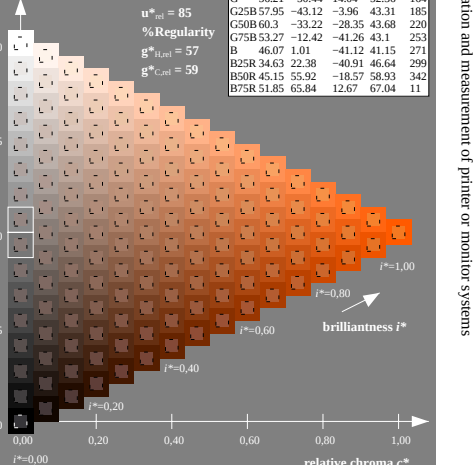


ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a**a	*b**	*C**ab,a	*h**ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

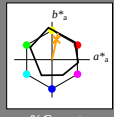
%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 59/360 = 0.164 (left) Page 3/96 ZE920−7N, 16 step scales for constant CIELAB hue 59/360 = 0.164 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 77/360 = 0.215**
lab*tch* and *lab*nch
D65: hue R75J
LCH*Ma: 77 72 77
olv*Ma: 1.0 0.63 0.0

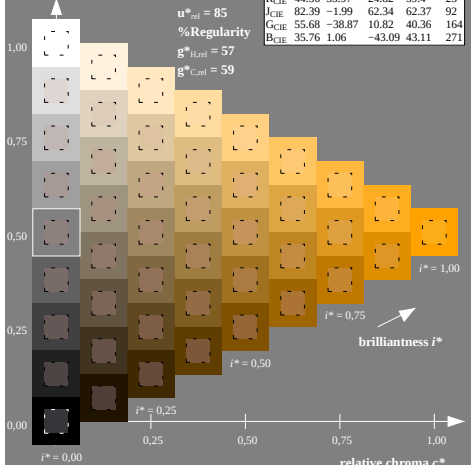


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

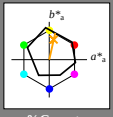
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 77/360 = 0.215**
lab*tch* and *lab*nch
D65: hue R75J
LCH*Ma: 77 72 77
olv*Ma: 1.0 0.63 0.0

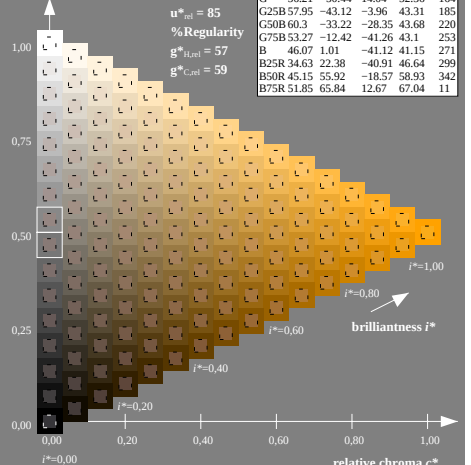


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



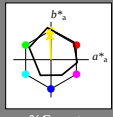
ZE920−7N, 9 step scales for constant CIELAB hue 77/360 = 0.215 (left) Page 4/96 ZE920−7N, 16 step scales for constant CIELAB hue 77/360 = 0.215 (right)

BAM-test chart ZE92; Colorimetric systems, Page 4/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: no change compared to input

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: 87 81 92
olv*Ma: 1.0 0.9 0.0

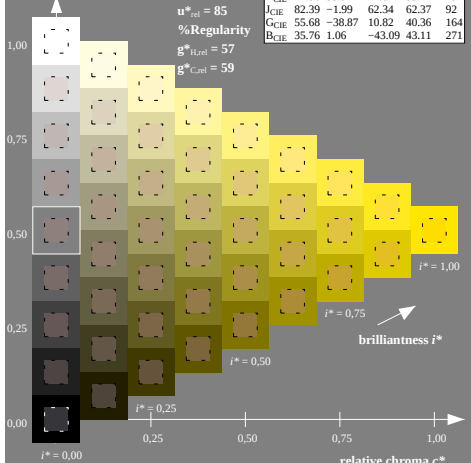


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

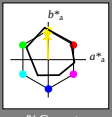
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



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: 87 81 92
olv*Ma: 1.0 0.9 0.0

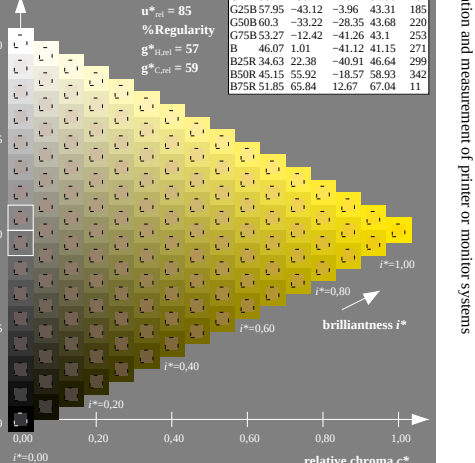


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



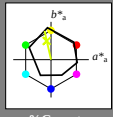
ZE920−7N, 9 step scales for constant CIELAB hue 92/360 = 0.255 (left) Page 5/96 ZE920−7N, 16 step scales for constant CIELAB hue 92/360 = 0.255 (right)

BAM-test chart ZE92; Colorimetric systems, Page 5/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: no change compared to input

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 103/360 = 0.286$
lab*tch* and *lab*nch
D65: hue J25G
LCH*Ma: 85 78 103
olv*Ma: 0.84 1.0 0.0

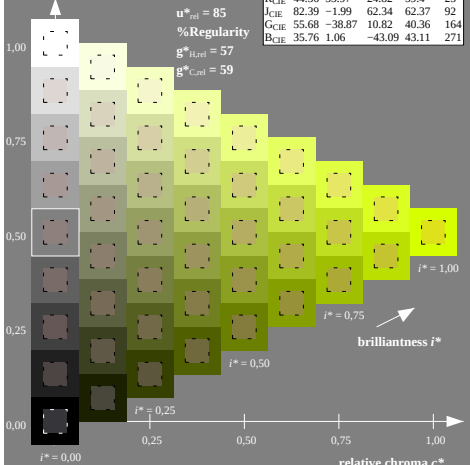


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

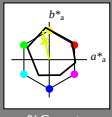
triangle lightness t^*

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 103/360 = 0.286$
lab*tch* and *lab*nch
D65: hue J25G
LCH*Ma: 85 78 103
olv*Ma: 0.84 1.0 0.0

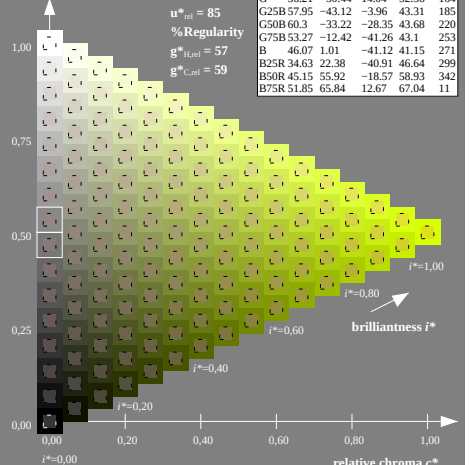


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness t^*

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



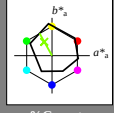
ZE920−7N, 9 step scales for constant CIELAB hue 103/360 = 0.286 (left) Page 6/96 ZE920−7N, 16 step scales for constant CIELAB hue 103/360 = 0.286 (right)

BAM-test chart ZE92; Colorimetric systems, Page 6/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: no change compared to input

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 119/360 = 0.331**
lab*tch* and *lab*nch
D65: hue J50G
LCH*Ma: 73 68 119
olv*Ma: 0.51 1.0 0.0

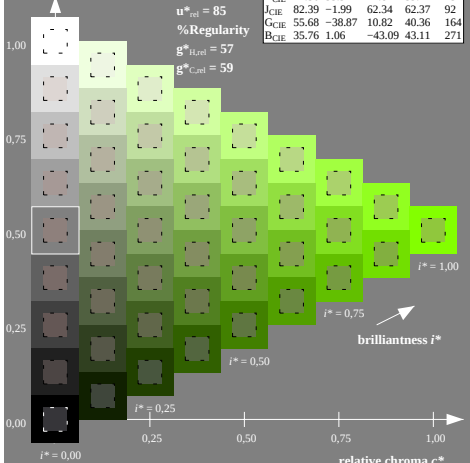


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

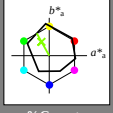
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 119/360 = 0.331**
lab*tch* and *lab*nch
D65: hue J50G
LCH*Ma: 73 68 119
olv*Ma: 0.51 1.0 0.0

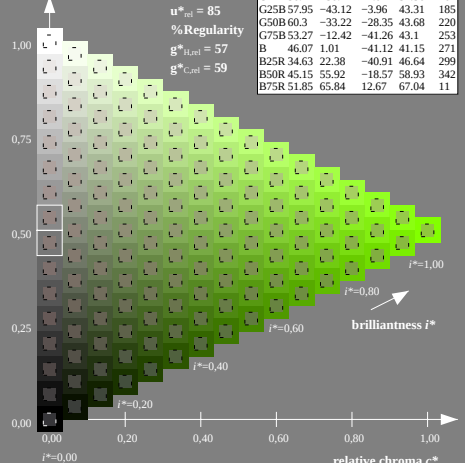


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

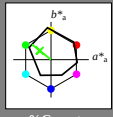
%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 119/360 = 0.331 (left) Page 7/96 ZE920−7N, 16 step scales for constant CIELAB hue 119/360 = 0.331 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 141/360 = 0.393**
lab*tch* and *lab*nch
D65: hue J75G
LCH*Ma: 60 64 141
olv*Ma: 0.15 1.0 0.0

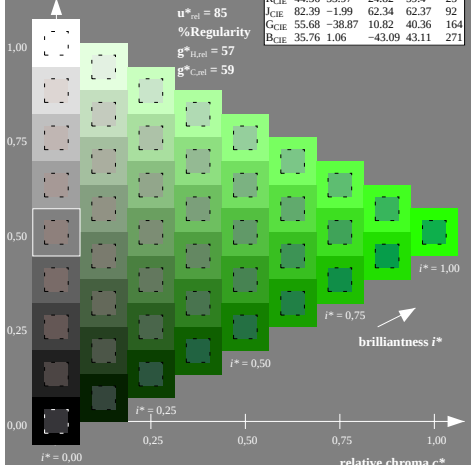


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

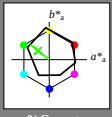
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 141/360 = 0.393**
lab*tch* and *lab*nch
D65: hue J75G
LCH*Ma: 60 64 141
olv*Ma: 0.15 1.0 0.0

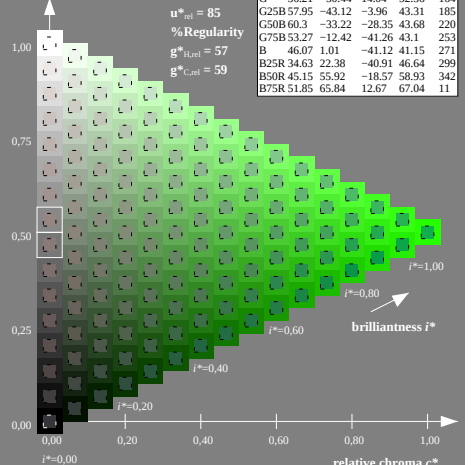


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

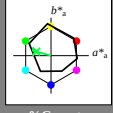
%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 141/360 = 0.393 (left) Page 8/96 ZE920−7N, 16 step scales for constant CIELAB hue 141/360 = 0.393 (right)

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: 56 52 164
olv*Ma: 0.0 1.0 0.25

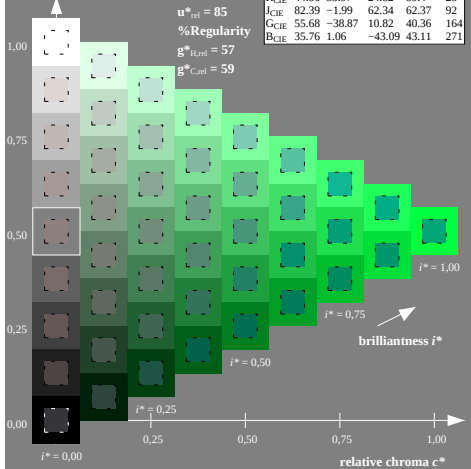


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

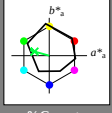
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



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: 56 52 164
olv*Ma: 0.0 1.0 0.25

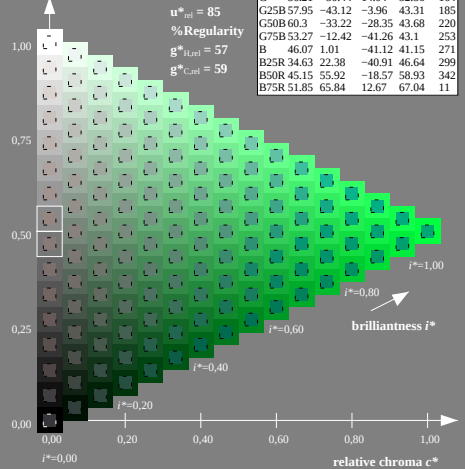


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

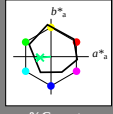
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 185/360 = 0.515**
lab*tch* and *lab*nch
D65: hue G25B
LCH*Ma: 58 43 185
olv*Ma: 0.0 1.0 0.49

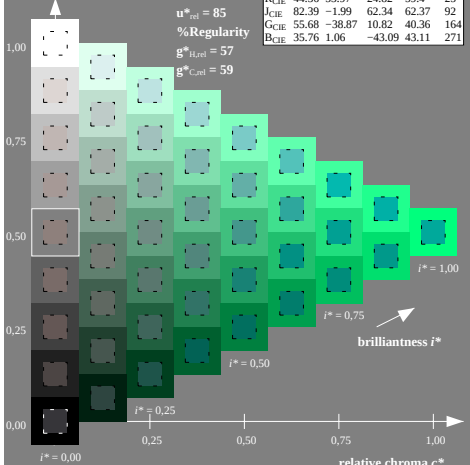


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

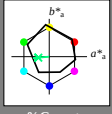
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 185/360 = 0.515**
lab*tch* and *lab*nch
D65: hue G25B
LCH*Ma: 58 43 185
olv*Ma: 0.0 1.0 0.49

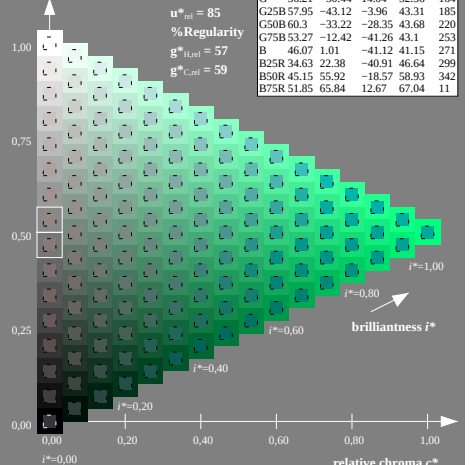


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

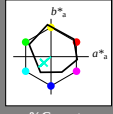
%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 185/360 = 0.515 (left) Page 10/96 ZE920−7N, 16 step scales for constant CIELAB hue 185/360 = 0.515 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 220/360 = 0.612**
lab*tch* and *lab*nch
D65: hue G50B
LCH*Ma: 60 44 220
olv*Ma: 0.0 1.0 0.82

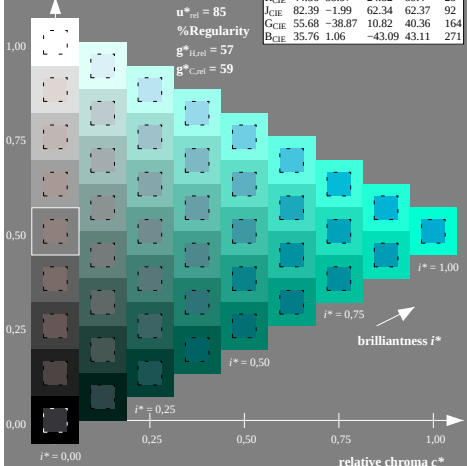


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

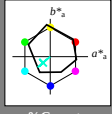
triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 220/360 = 0.612**
lab*tch* and *lab*nch
D65: hue G50B
LCH*Ma: 60 44 220
olv*Ma: 0.0 1.0 0.82

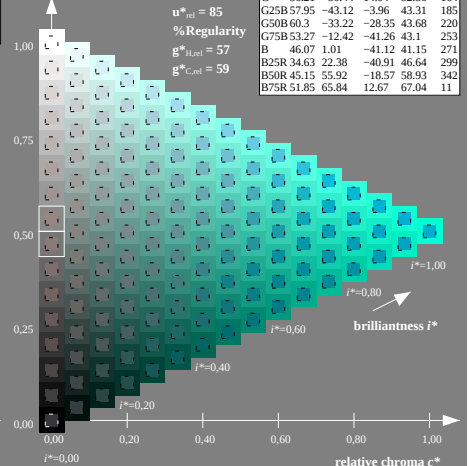


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

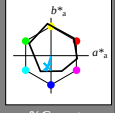
%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 220/360 = 0.612 (left) Page 11/96 ZE920−7N, 16 step scales for constant CIELAB hue 220/360 = 0.612 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 253/360 = 0.703**
lab*tch* and *lab*nch
D65: hue G75B
LCH*Ma: 53 43 253
olv*Ma: 0.0 0.73 1.0

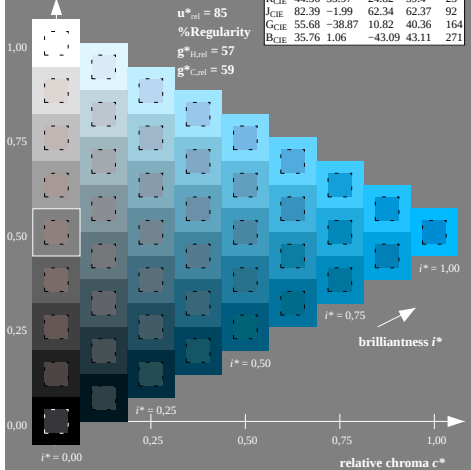


ORS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

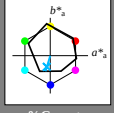
triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 253/360 = 0.703**
lab*tch* and *lab*nch
D65: hue G75B
LCH*Ma: 53 43 253
olv*Ma: 0.0 0.73 1.0

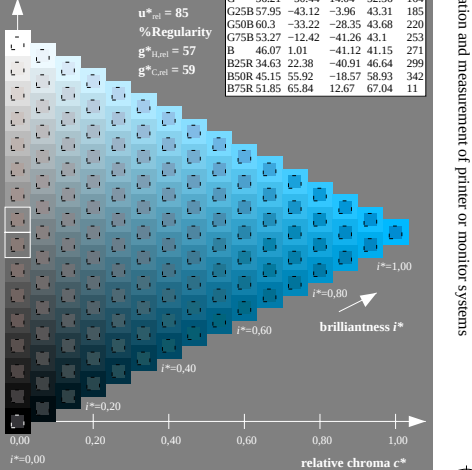


ORS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



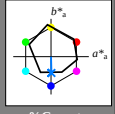
ZE920−7N, 9 step scales for constant CIELAB hue 253/360 = 0.703 (left) Page 12/96 ZE920−7N, 16 step scales for constant CIELAB hue 253/360 = 0.703 (right)

BAM-test chart ZE92; Colorimetric systems, Page 12/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: no change compared to input

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: 46 41 271
olv*Ma: 0.0 0.49 1.0

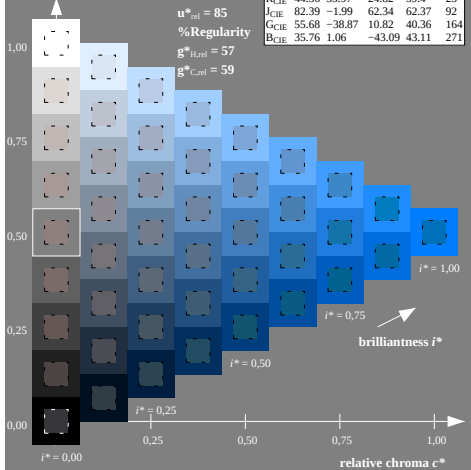


ORS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

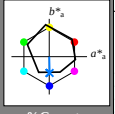
triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



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: 46 41 271
olv*Ma: 0.0 0.49 1.0

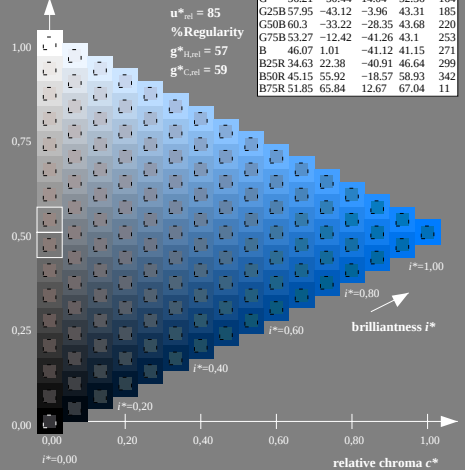


ORS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

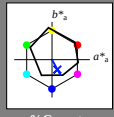
%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 271/360 = 0.754 (left) Page 13/96 ZE920−7N, 16 step scales for constant CIELAB hue 271/360 = 0.754 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 299/360 = 0.83**
lab*tch* and *lab*nch
D65: hue B25R
LCH*Ma: 35 47 299
olv*Ma: 0.0 0.11 1.0

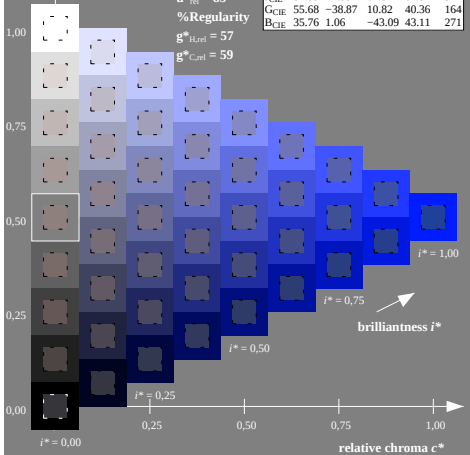


ORS18; adapted (a) CIELAB data

	*L** = *L**a	*a** a	*b** a	*C**ab,a	*h**ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

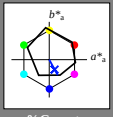
triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 299/360 = 0.83**
lab*tch* and *lab*nch
D65: hue B25R
LCH*Ma: 35 47 299
olv*Ma: 0.0 0.11 1.0

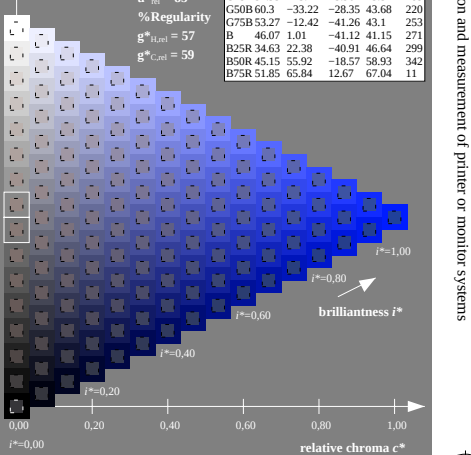


ORS18; adapted (a) CIELAB data

	*L** = *L**a	*a** a	*b** a	*C**ab,a	*h**ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

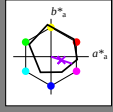
%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 299/360 = 0.83 (left) Page 14/96 ZE920−7N, 16 step scales for constant CIELAB hue 299/360 = 0.83 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 342/360 = 0.949**
lab*tch* and *lab*nch
D65: hue B50R
LCH*Ma: 45 59 342
olv*Ma: 0.67 0.0 1.0

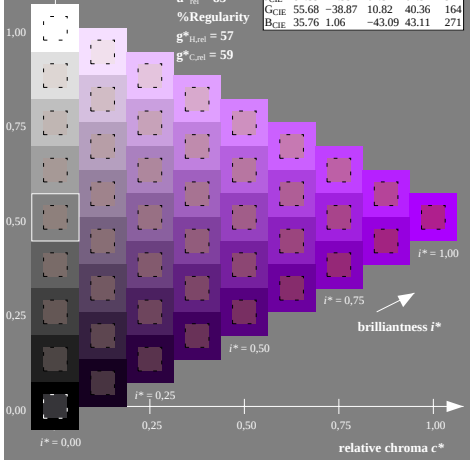


ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a**a	*b**	*C**ab,a	*h**ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

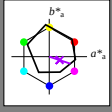
triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 342/360 = 0.949**
lab*tch* and *lab*nch
D65: hue B50R
LCH*Ma: 45 59 342
olv*Ma: 0.67 0.0 1.0

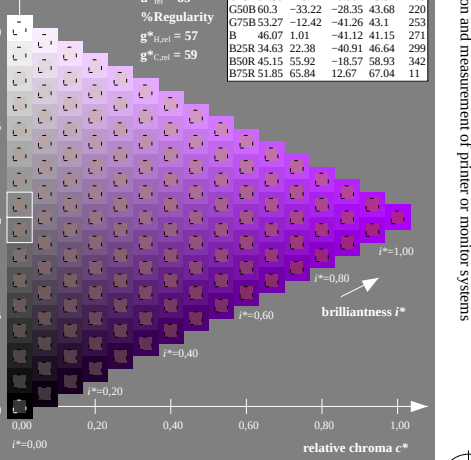


ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a**a	*b**	*C**ab,a	*h**ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

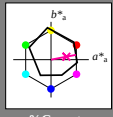
%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 342/360 = 0.949 (left) Page 15/96 ZE920−7N, 16 step scales for constant CIELAB hue 342/360 = 0.949 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 11/360 = 0.03**
lab*tch* and *lab*nch
D65: hue B75R
LCH*Ma: 52 67 11
olv*Ma: 1.0 0.0 0.62

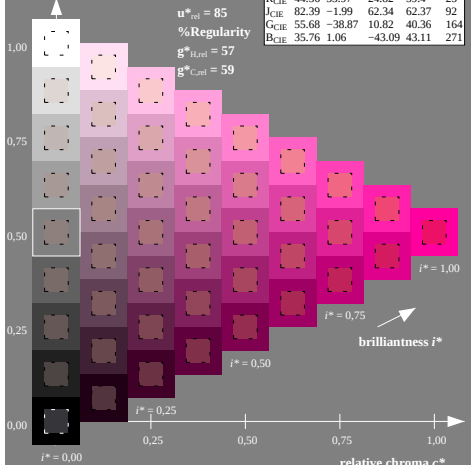


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

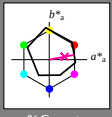
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 11/360 = 0.03**
lab*tch* and *lab*nch
D65: hue B75R
LCH*Ma: 52 67 11
olv*Ma: 1.0 0.0 0.62

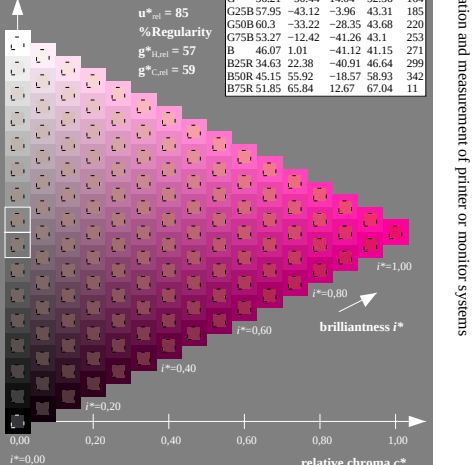


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

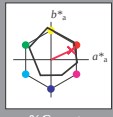


ZE920−7N, 9 step scales for constant CIELAB hue 11/360 = 0.03 (left) Page 16/96 ZE920−7N, 16 step scales for constant CIELAB hue 11/360 = 0.03 (right)

BAM-test chart ZE92; Colorimetric systems, Page 16/96 input: *rgb / cmy0 set(rgb/cmyk)color*
D65: 9 and 16 step colour scales for 16 elementary hues output: no change compared to input

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: 52 69 25
olv*Ma: 1.0 0.0 0.32

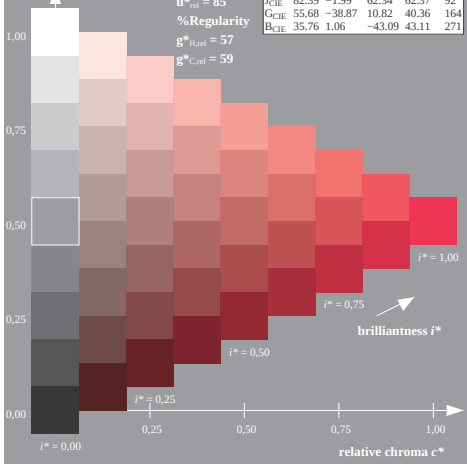


triangle lightness t^*

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

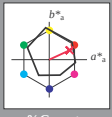
ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	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: 52 69 25
olv*Ma: 1.0 0.0 0.32

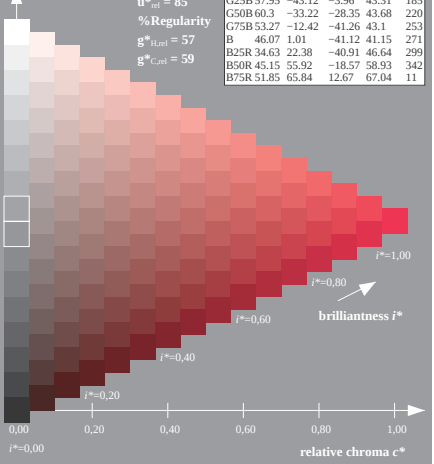


triangle lightness t^*

%Gamut
u^*_{rel} = 85
%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	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11



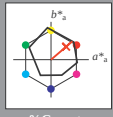
ZE920−7N, 9 step scales for constant CIELAB hue 25/360 = 0.069 (left) Page 17/96 ZE920−7N, 16 step scales for constant CIELAB hue 25/360 = 0.069 (right)

BAM-test chart ZE92; Colorimetric systems, Page 17/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: *−>cmyn5* setcmykcolor*

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 41/360 = 0.113$
lab*tch* and *lab*nch
D65: hue R25J
LCH*Ma: 54 74 41
olv*Ma: 1.0 0.05 0.0

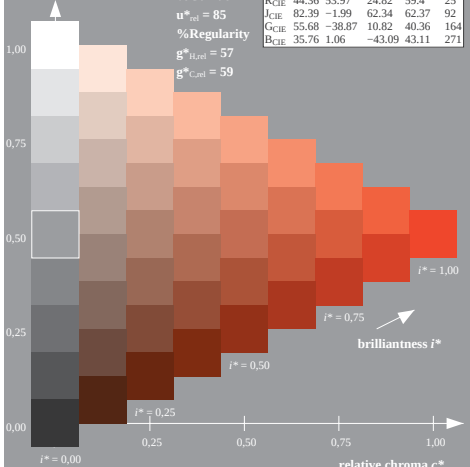


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

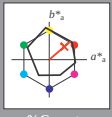
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 41/360 = 0.113$
lab*tch* and *lab*nch
D65: hue R25J
LCH*Ma: 54 74 41
olv*Ma: 1.0 0.05 0.0

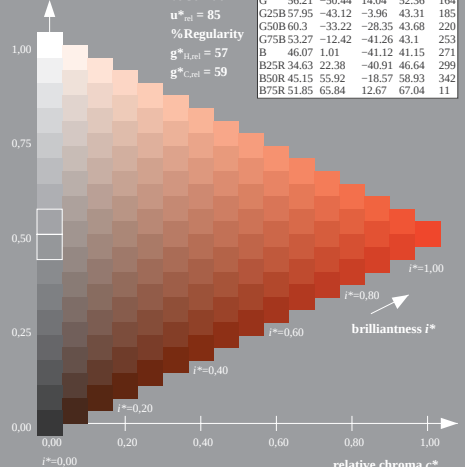


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 41/360 = 0.113 (left) Page 18/96 ZE920−7N, 16 step scales for constant CIELAB hue 41/360 = 0.113 (right)

BAM-test chart ZE92; Colorimetric systems, Page 18/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: *−>cmyn5* setcmykcolor*

Input: Colorimetric Offset Reflective System ORS18

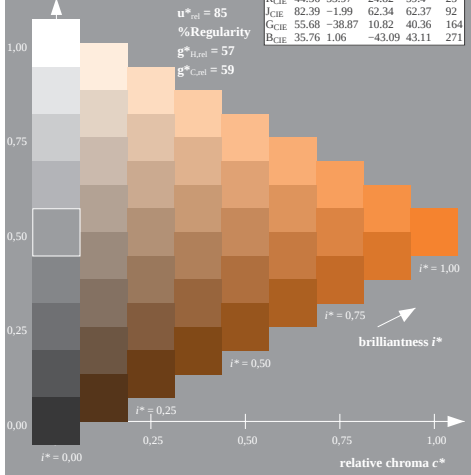
for hue *h* = lab*h = 59/360 = 0.164*
lab*tch* and *lab*nch
D65: hue R50J
LCH*Ma: 65 70 59
olv*Ma: 1.0 0.35 0.0

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

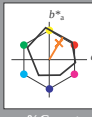
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h* = lab*h = 59/360 = 0.164*
lab*tch* and *lab*nch
D65: hue R50J
LCH*Ma: 65 70 59
olv*Ma: 1.0 0.35 0.0

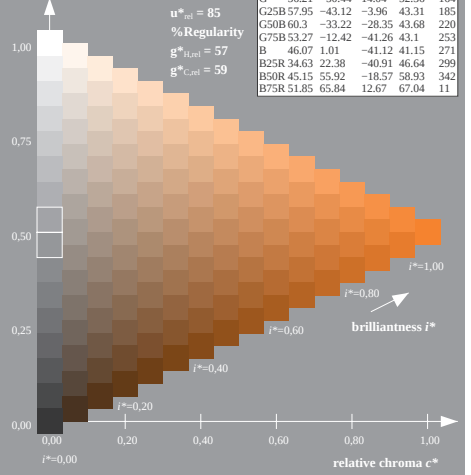


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 59/360 = 0.164 (left) Page 19/96 ZE920−7N, 16 step scales for constant CIELAB hue 59/360 = 0.164 (right)

Input: Colorimetric Offset Reflective System ORS18

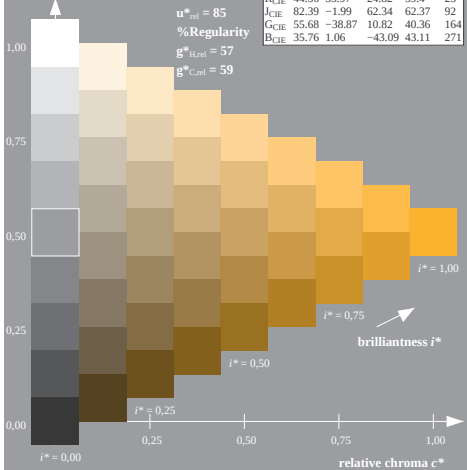
for hue *h = *lab*h* = 77/360 = 0.215**
lab*tch* and *lab*nch
D65: hue R75J
LCH*Ma: 77 72 77
olv*Ma: 1.0 0.63 0.0

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

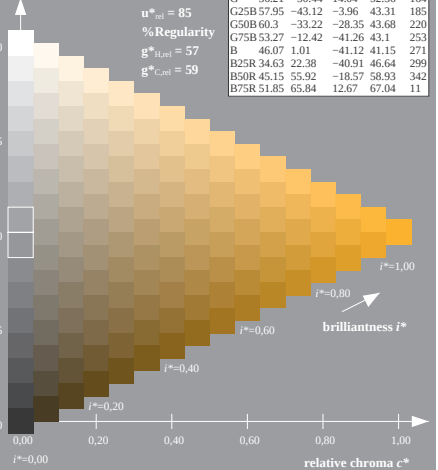
for hue *h = *lab*h* = 77/360 = 0.215**
lab*tch* and *lab*nch
D65: hue R75J
LCH*Ma: 77 72 77
olv*Ma: 1.0 0.63 0.0

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

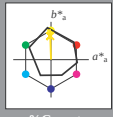
%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 77/360 = 0.215 (left) Page 20/96 ZE920−7N, 16 step scales for constant CIELAB hue 77/360 = 0.215 (right)

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: 87 81 92
olv*Ma: 1.0 0.9 0.0

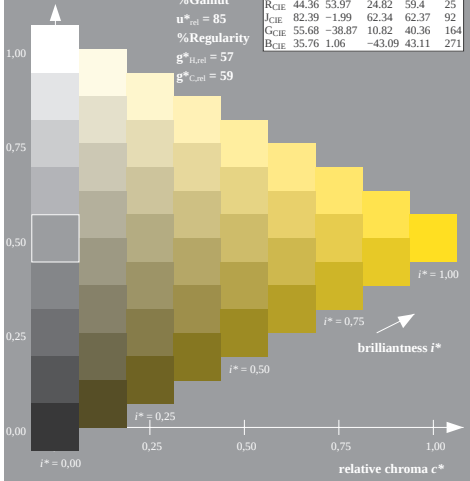


triangle lightness *t**

%Gamut
u*rel = 85
%Regularity
g*H,rel = 57
g*C,rel = 59

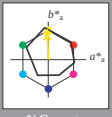
ORS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
OMa	51.74	60.16	46.48	76.02	38
YMa	90.77	−9.44	84.41	84.94	96
LMa	54.46	−57.8	32.16	66.15	151
CMa	61.56	−27.91	−41.41	49.95	236
VMa	31.3	28.61	−40.85	49.88	305
MMa	51.91	69.26	−7.69	69.68	354
NMa	24.2	0.0	0.0	0.0	0
WMa	95.41	0.0	0.0	0.0	0
RCIE	44.36	53.97	24.82	59.4	25
JCIE	82.39	−1.99	62.34	62.37	92
GCIE	55.68	−38.87	10.82	40.36	164
BCIE	35.76	1.06	−43.09	43.11	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: 87 81 92
olv*Ma: 1.0 0.9 0.0

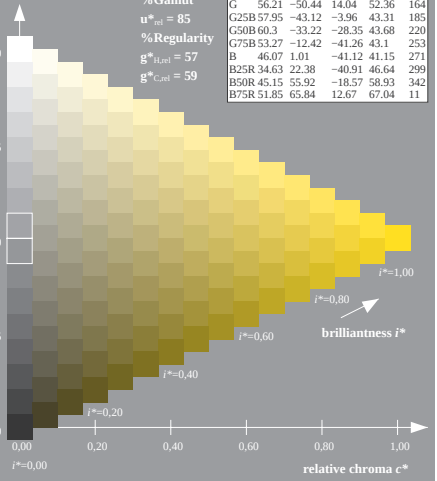


triangle lightness *t**

%Gamut
u*rel = 85
%Regularity
g*H,rel = 57
g*C,rel = 59

ORS18; adapted (a) CIELAB data

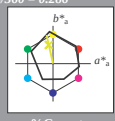
	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11



ZE920−7N, 9 step scales for constant CIELAB hue 92/360 = 0.255 (left) Page 21/96 ZE920−7N, 16 step scales for constant CIELAB hue 92/360 = 0.255 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 103/360 = 0.286**
lab*tch* and *lab*nch
D65: hue J25G
LCH*Ma: 85 78 103
olv*Ma: 0.84 1.0 0.0

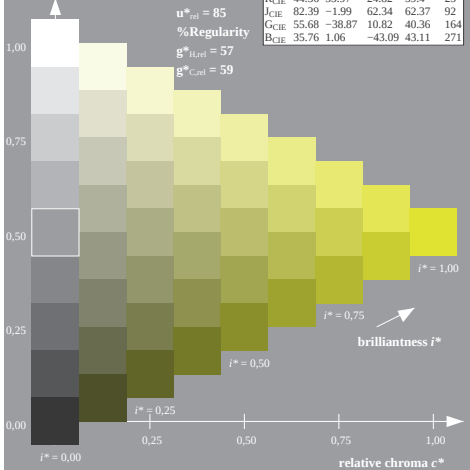


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

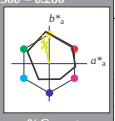
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 103/360 = 0.286**
lab*tch* and *lab*nch
D65: hue J25G
LCH*Ma: 85 78 103
olv*Ma: 0.84 1.0 0.0

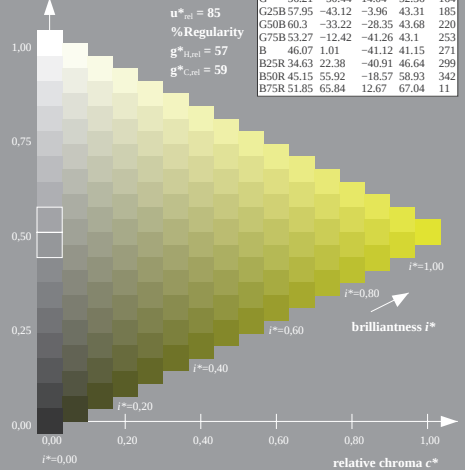


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 103/360 = 0.286 (left) Page 22/96 ZE920−7N, 16 step scales for constant CIELAB hue 103/360 = 0.286 (right)

Input: Colorimetric Offset Reflective System ORS18

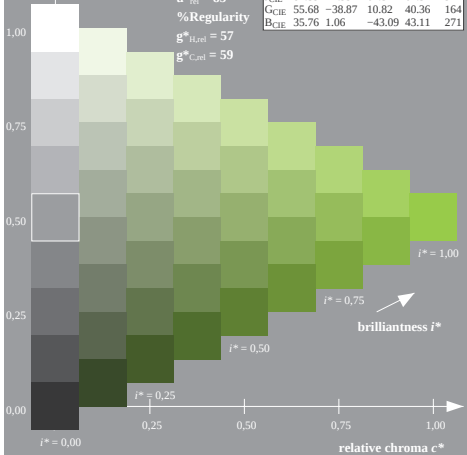
for hue *h = *lab*h* = 119/360 = 0.331**
lab*tch* and *lab*nch
D65: hue J50G
LCH*Ma: 73 68 119
olv*Ma: 0.51 1.0 0.0

ORS18; adapted (a) CIELAB data

	*L** = *L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

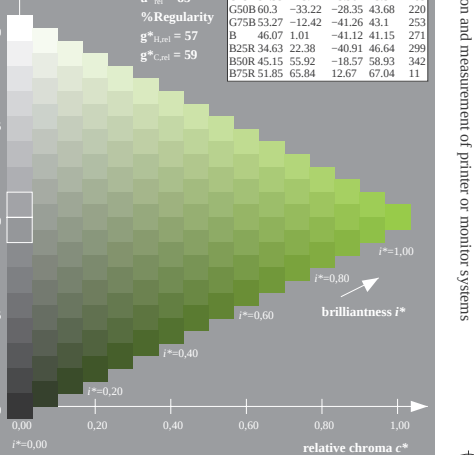
for hue *h = *lab*h* = 119/360 = 0.331**
lab*tch* and *lab*nch
D65: hue J50G
LCH*Ma: 73 68 119
olv*Ma: 0.51 1.0 0.0

ORS18; adapted (a) CIELAB data

	*L** = *L**a	*a**a	*b**a	*C**ab,a	*h**ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 119/360 = 0.331 (left) Page 23/96 ZE920−7N, 16 step scales for constant CIELAB hue 119/360 = 0.331 (right)

Input: Colorimetric Offset Reflective System ORS18

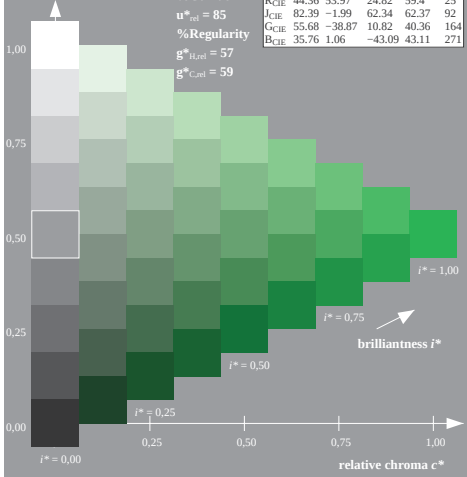
for hue *h = *lab*h* = 141/360 = 0.393**
lab*tch* and *lab*nch
D65: hue J75G
LCH*Ma: 60 64 141
olv*Ma: 0.15 1.0 0.0

ORS18; adapted (a) CIELAB data

	L=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

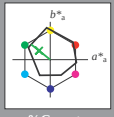
triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 141/360 = 0.393**
lab*tch* and *lab*nch
D65: hue J75G
LCH*Ma: 60 64 141
olv*Ma: 0.15 1.0 0.0

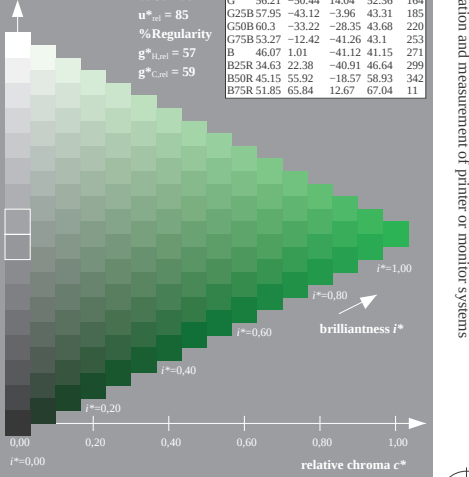


ORS18; adapted (a) CIELAB data

	L=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 141/360 = 0.393 (left) Page 24/96 ZE920−7N, 16 step scales for constant CIELAB hue 141/360 = 0.393 (right)

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: 56 52 164

olv*Ma: 0.0 1.0 0.25

triangle lightness *t**

%Gamut

u^*_{rel} = 85

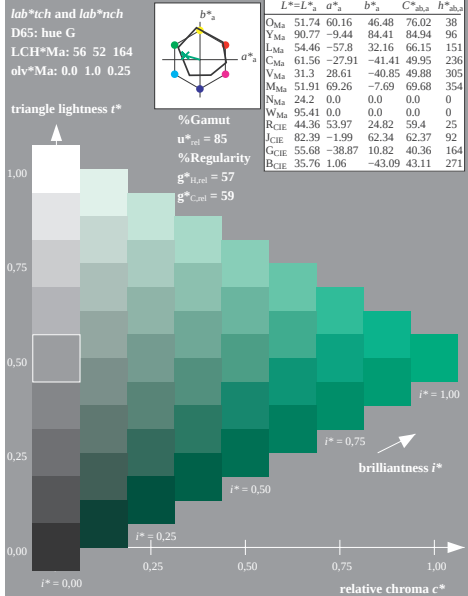
%Regularity

$g^*_{H,rel}$ = 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}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	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: 56 52 164

olv*Ma: 0.0 1.0 0.25

triangle lightness *t**

%Gamut

u^*_{rel} = 85

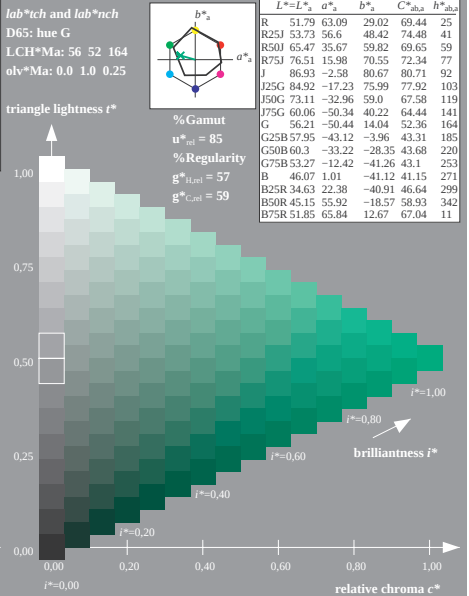
%Regularity

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

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

ORS18; adapted (a) CIELAB data

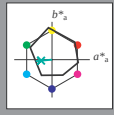
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11



ZE920−7N, 9 step scales for constant CIELAB hue 164/360 = 0.457 (left) Page 25/96 ZE920−7N, 16 step scales for constant CIELAB hue 164/360 = 0.457 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 185/360 = 0.515**
lab*tch* and *lab*nch
D65: hue G25B
LCH*Ma: 58 43 185
olv*Ma: 0.0 1.0 0.49

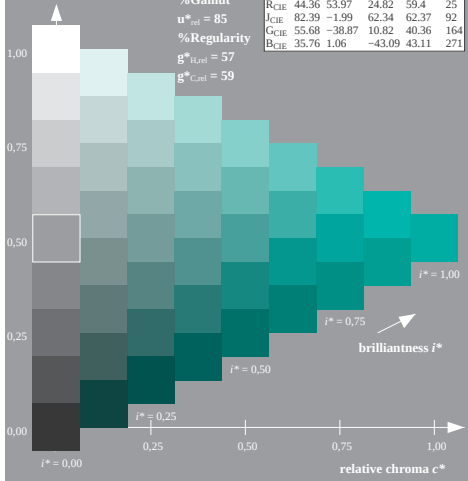


triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59

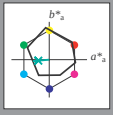
ORS18; adapted (a) CIELAB data

	L*=L*$_a$	a*$_a$	b*$_a$	C*$_{ab,a}$	h*$_{ab,a}$
O$_{Ma}$	51.74	60.16	46.48	76.02	38
Y$_{Ma}$	90.77	−9.44	84.41	84.94	96
L$_{Ma}$	54.46	−57.8	32.16	66.15	151
C$_{Ma}$	61.56	−27.91	−41.41	49.95	236
V$_{Ma}$	31.3	28.61	−40.85	49.88	305
M$_{Ma}$	51.91	69.26	−7.69	69.68	354
N$_{Ma}$	24.2	0.0	0.0	0.0	0
W$_{Ma}$	95.41	0.0	0.0	0.0	0
R$_{CIE}$	44.36	53.97	24.82	59.4	25
J$_{CIE}$	82.39	−1.99	62.34	62.37	92
G$_{CIE}$	55.68	−38.87	10.82	40.36	164
B$_{CIE}$	35.76	1.06	−43.09	43.11	271



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 185/360 = 0.515**
lab*tch* and *lab*nch
D65: hue G25B
LCH*Ma: 58 43 185
olv*Ma: 0.0 1.0 0.49

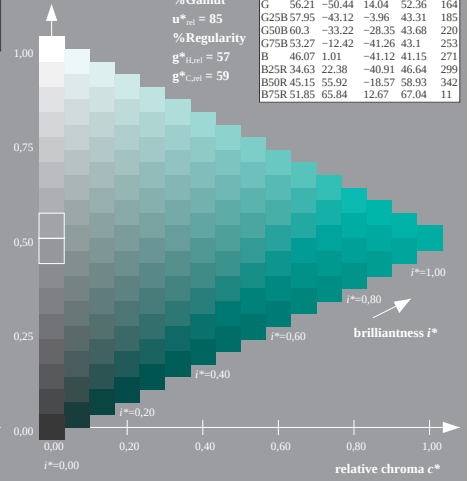


triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%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	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11



ZE920−7N, 9 step scales for constant CIELAB hue 185/360 = 0.515 (left) Page 26/96 ZE920−7N, 16 step scales for constant CIELAB hue 185/360 = 0.515 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 220/360 = 0.612**

lab*tch* and *lab*nch

D65: hue G50B

LCH*Ma: 60 44 220

olv*Ma: 0.0 1.0 0.82

ORS18; adapted (a) CIELAB data

	*L** = *L**a	*a** a	*b** a	*C**ab,a	*h**ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

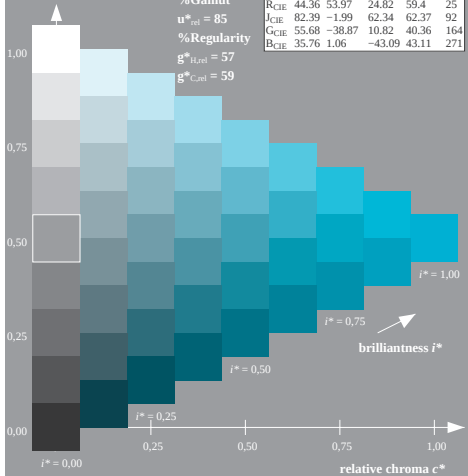
%Gamut

u*$_{rel}$ = 85

%Regularity

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

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



Output: Colorimetric Offset Reflective System ORS18

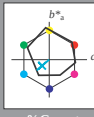
for hue *h = *lab*h* = 220/360 = 0.612**

lab*tch* and *lab*nch

D65: hue G50B

LCH*Ma: 60 44 220

olv*Ma: 0.0 1.0 0.82



ORS18; adapted (a) CIELAB data

	*L** = *L**a	*a** a	*b** a	*C**ab,a	*h**ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

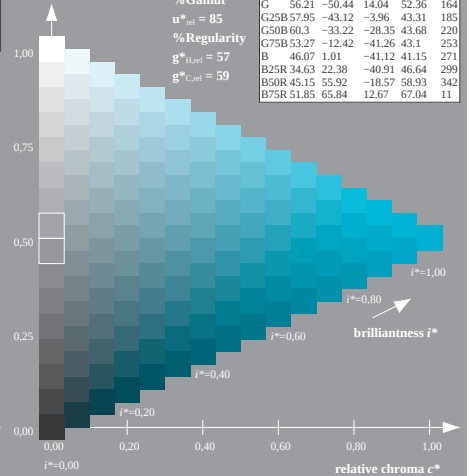
%Gamut

u*$_{rel}$ = 85

%Regularity

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

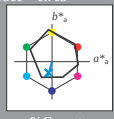
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 220/360 = 0.612 (left) Page 27/96 ZE920−7N, 16 step scales for constant CIELAB hue 220/360 = 0.612 (right)

Input: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 253/360 = 0.703**
lab*tch* and *lab*nch
D65: hue G75B
LCH*Ma: 53 43 253
olv*Ma: 0.0 0.73 1.0

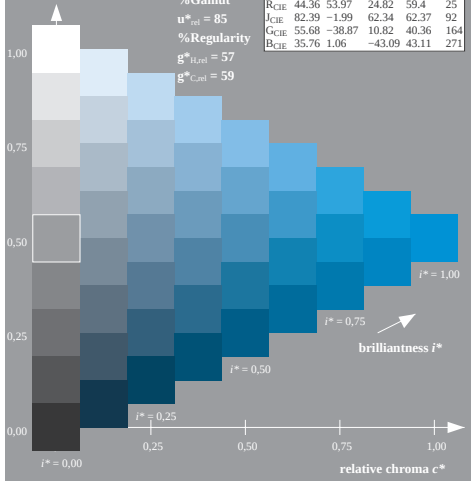


triangle lightness *t**

%Gamut
u*rel = 85
%Regularity
g*H,rel = 57
g*C,rel = 59

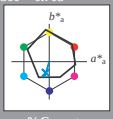
ORS18; adapted (a) CIELAB data

	*L** = *L**a	*a** a	*b** a	*C**ab,a	*h**ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271



Output: Colorimetric Offset Reflective System ORS18

for hue *h = *lab*h* = 253/360 = 0.703**
lab*tch* and *lab*nch
D65: hue G75B
LCH*Ma: 53 43 253
olv*Ma: 0.0 0.73 1.0

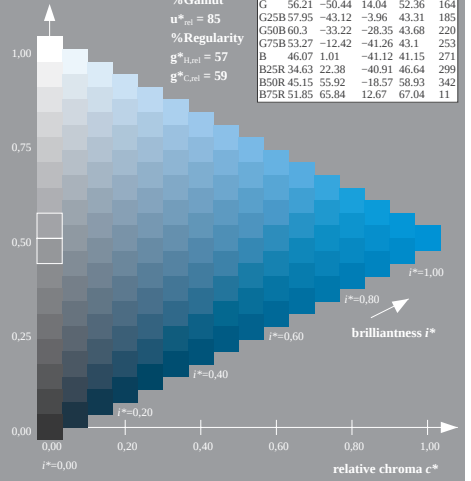


triangle lightness *t**

%Gamut
u*rel = 85
%Regularity
g*H,rel = 57
g*C,rel = 59

ORS18; adapted (a) CIELAB data

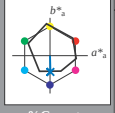
	*L** = *L**a	*a** a	*b** a	*C**ab,a	*h**ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11



ZE920−7N, 9 step scales for constant CIELAB hue 253/360 = 0.703 (left) Page 28/96 ZE920−7N, 16 step scales for constant CIELAB hue 253/360 = 0.703 (right)

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: 46 41 271
olv*Ma: 0.0 0.49 1.0

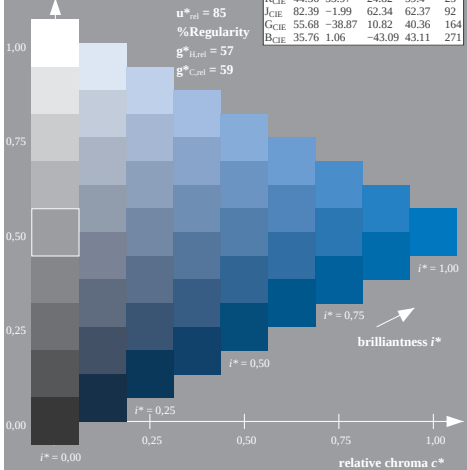


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

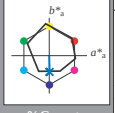
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



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: 46 41 271
olv*Ma: 0.0 0.49 1.0

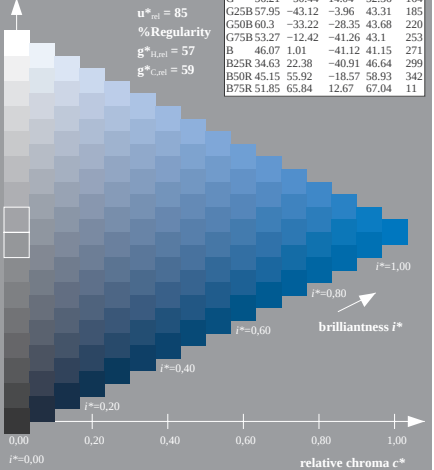


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 271/360 = 0.754 (left) Page 29/96 ZE920−7N, 16 step scales for constant CIELAB hue 271/360 = 0.754 (right)

Input: Colorimetric Offset Reflective System ORS18

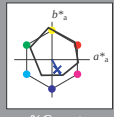
for hue *h* = lab*h = 299/360 = 0.83*

lab*tch* and *lab*nch

D65: hue B25R

LCH*Ma: 35 47 299

olv*Ma: 0.0 0.11 1.0



ORS18; adapted (a) CIELAB data

	L=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

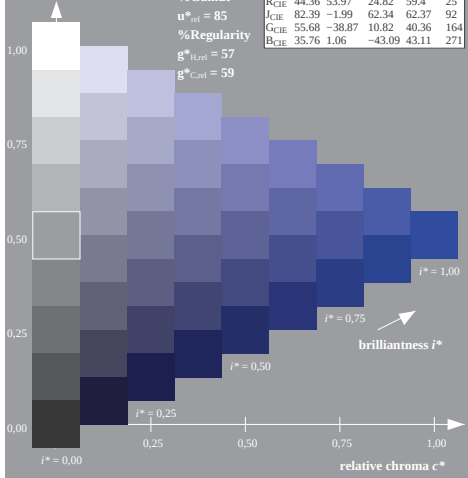
%Gamut

u*$_{rel}$ = 85

%Regularity

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

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



Output: Colorimetric Offset Reflective System ORS18

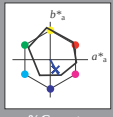
for hue *h* = lab*h = 299/360 = 0.83*

lab*tch* and *lab*nch

D65: hue B25R

LCH*Ma: 35 47 299

olv*Ma: 0.0 0.11 1.0



ORS18; adapted (a) CIELAB data

	L=L*a*	*a*a*	*b*a*	*C*ab,a*	*h*ab,a*
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

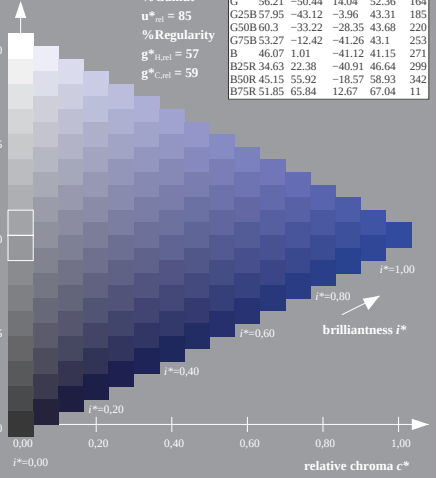
%Gamut

u*$_{rel}$ = 85

%Regularity

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

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



ZE920−7N, 9 step scales for constant CIELAB hue 299/360 = 0.83 (left)

ZE920−7N, 16 step scales for constant CIELAB hue 299/360 = 0.83 (right)

BAM-test chart ZE92; Colorimetric systems, Page 30/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: *−>cmyn5* setcmykcolor*

Input: Colorimetric Offset Reflective System ORS18

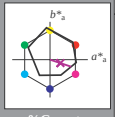
for hue *h* = lab*h = 342/360 = 0.949*

lab*tch* and *lab*nch

D65: hue B50R

LCH*Ma: 45 59 342

olv*Ma: 0.67 0.0 1.0



triangle lightness *t**

%Gamut

u^*_{rel} = 85

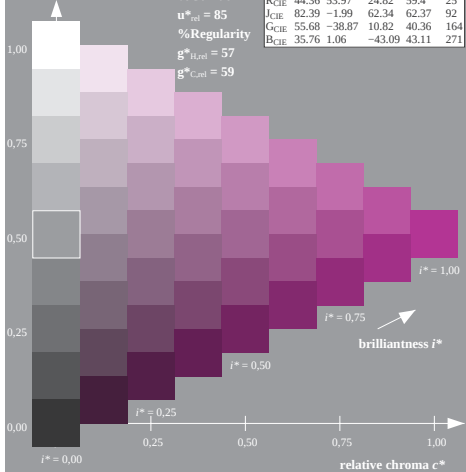
%Regularity

$g^*_{H,rel}$ = 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}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271



Output: Colorimetric Offset Reflective System ORS18

for hue *h* = lab*h = 342/360 = 0.949*

lab*tch* and *lab*nch

D65: hue B50R

LCH*Ma: 45 59 342

olv*Ma: 0.67 0.0 1.0

triangle lightness *t**

%Gamut

u^*_{rel} = 85

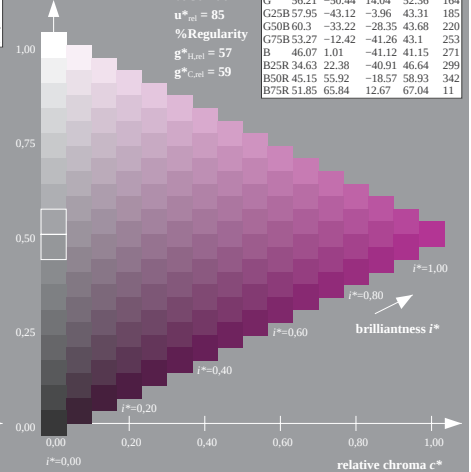
%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11



ZE920−7N, 9 step scales for constant CIELAB hue 342/360 = 0.949 (left) Page 31/96 ZE920−7N, 16 step scales for constant CIELAB hue 342/360 = 0.949 (right)

Input: Colorimetric Offset Reflective System ORS18

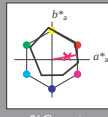
for hue $h^* = lab^*h = 11/360 = 0.03$

lab*tch* and *lab*nch

D65: hue B75R

LCH*Ma: 52 67 11

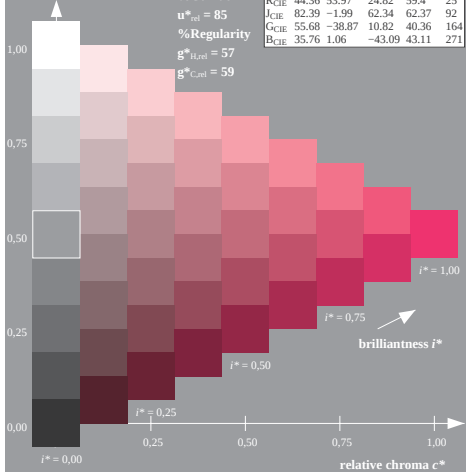
olv*Ma: 1.0 0.0 0.62



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t** **%Gamut** **u^*_{rel} = 85** **%Regularity** **$g^*_{H,rel}$ = 57** **$g^*_{C,rel}$ = 59**



Output: Colorimetric Offset Reflective System ORS18

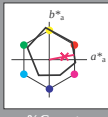
for hue $h^* = lab^*h = 11/360 = 0.03$

lab*tch* and *lab*nch

D65: hue B75R

LCH*Ma: 52 67 11

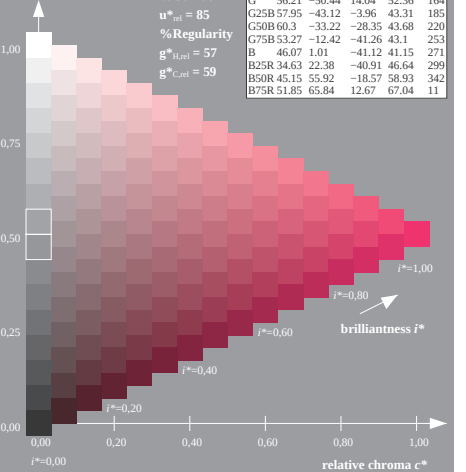
olv*Ma: 1.0 0.0 0.62



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t** **%Gamut** **u^*_{rel} = 85** **%Regularity** **$g^*_{H,rel}$ = 57** **$g^*_{C,rel}$ = 59**



ZE920−7N, 9 step scales for constant CIELAB hue 11/360 = 0.03 (left) Page 32/96 ZE920−7N, 16 step scales for constant CIELAB hue 11/360 = 0.03 (right)

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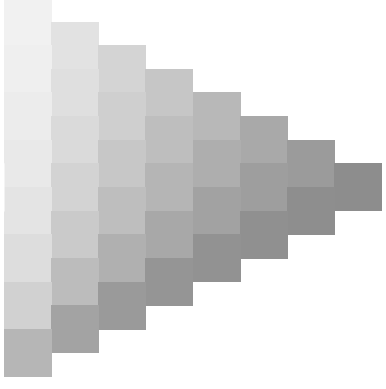

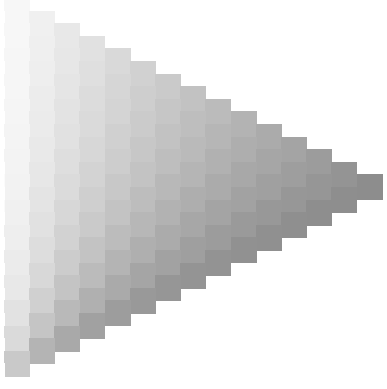

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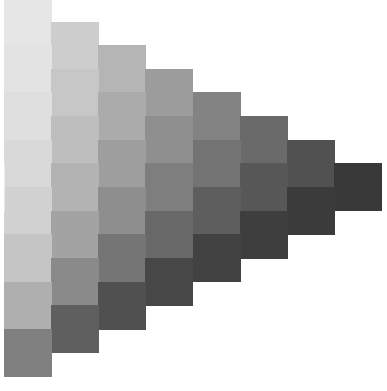

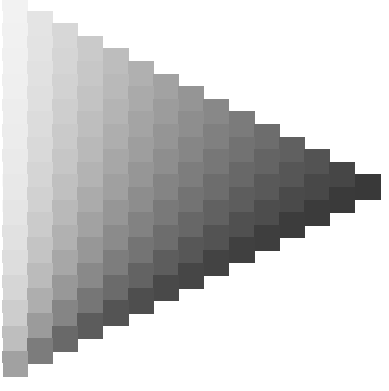

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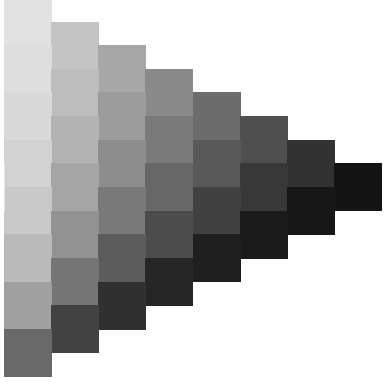

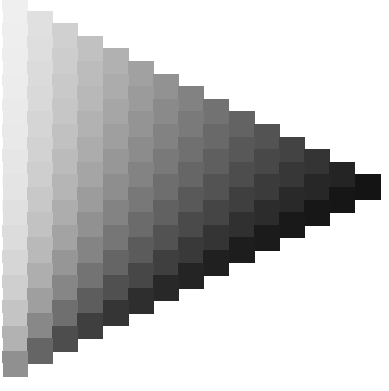

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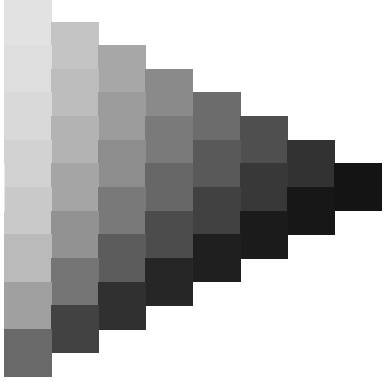

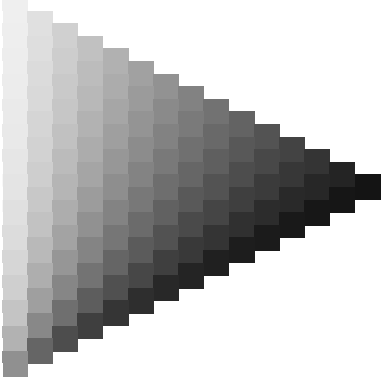

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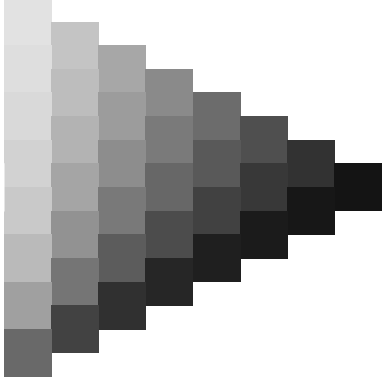

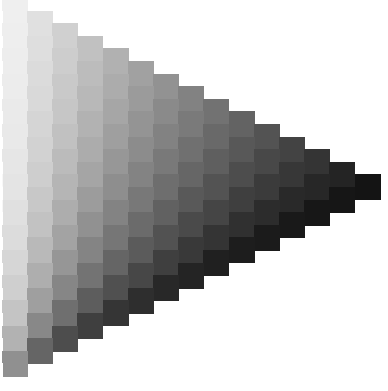

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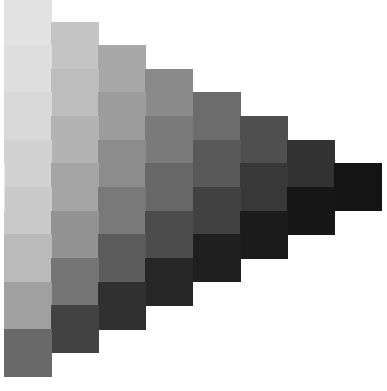

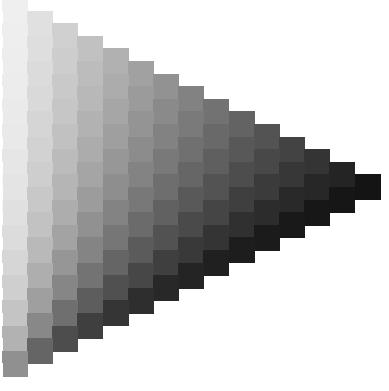

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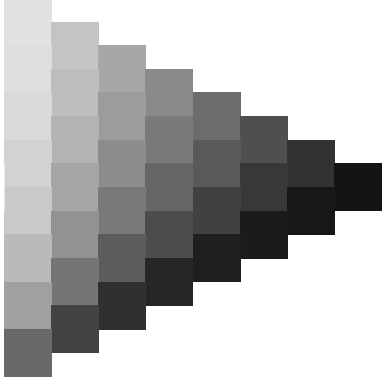

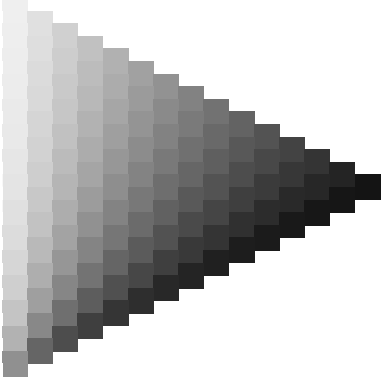

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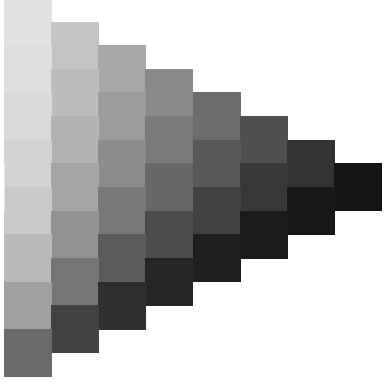

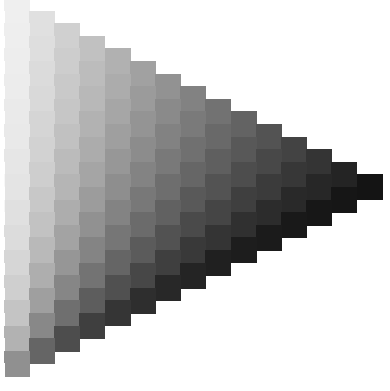

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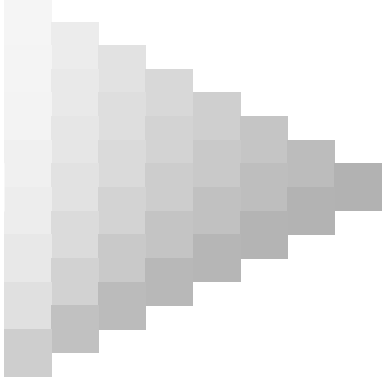

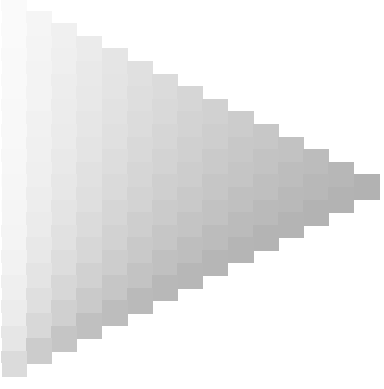

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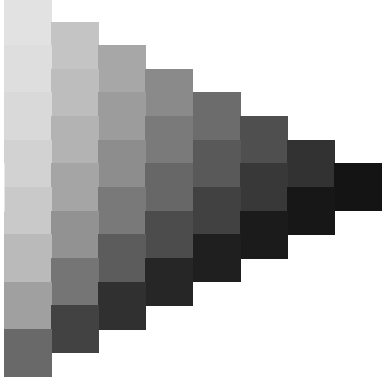

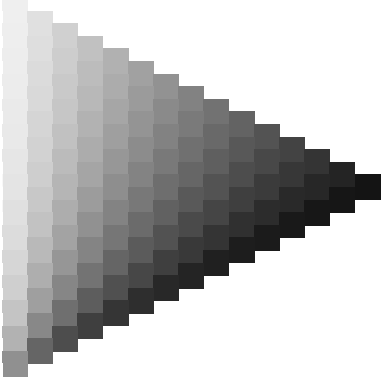

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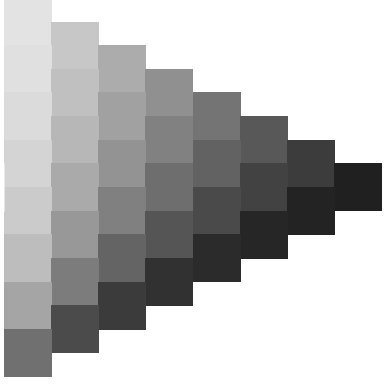

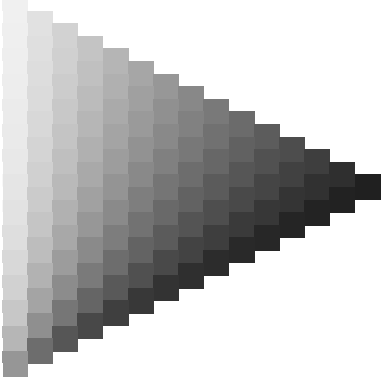

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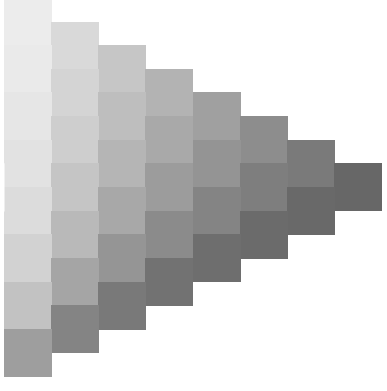

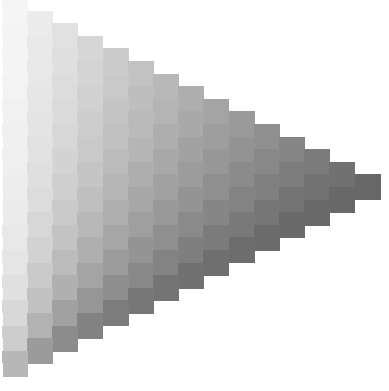

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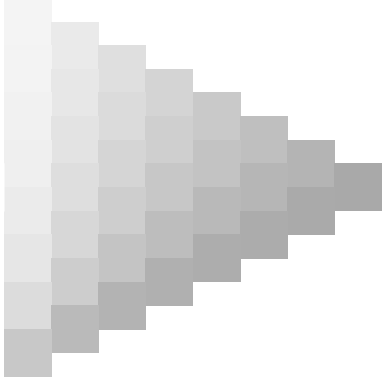

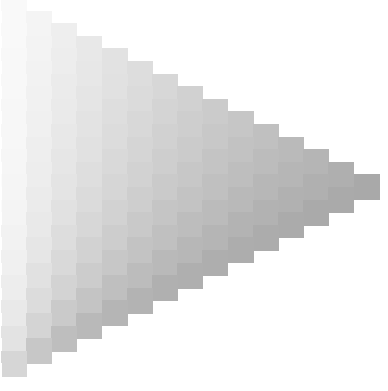

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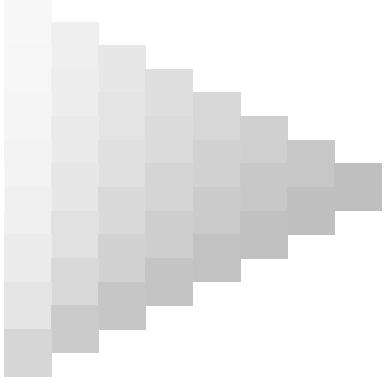

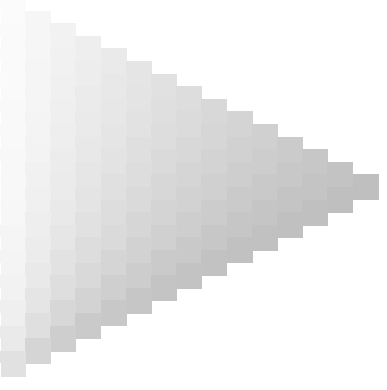

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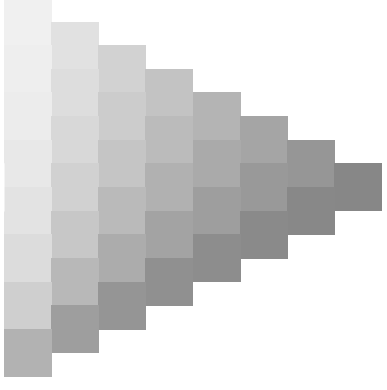

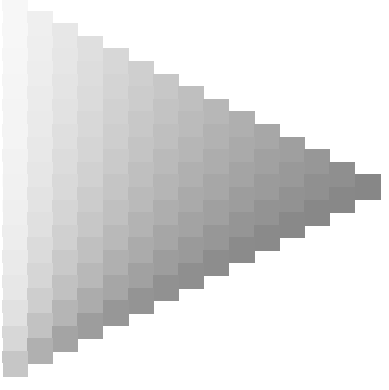

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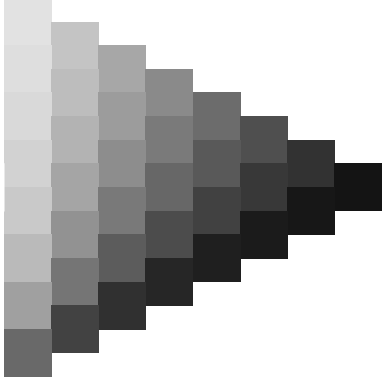

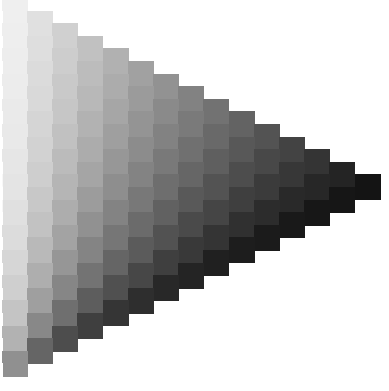

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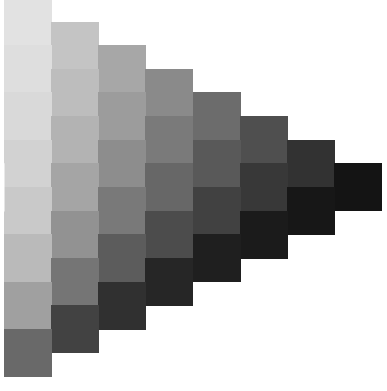

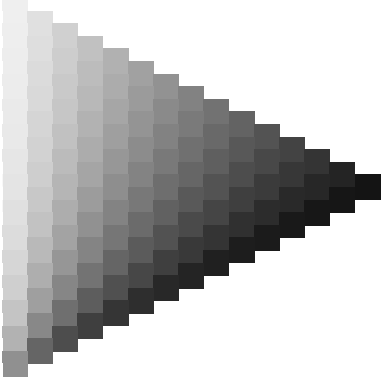

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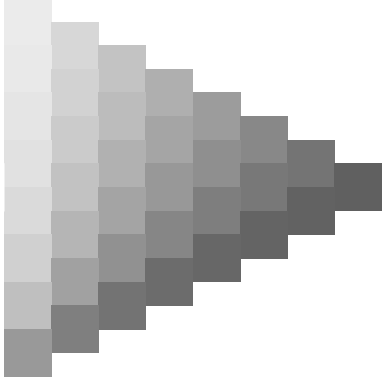

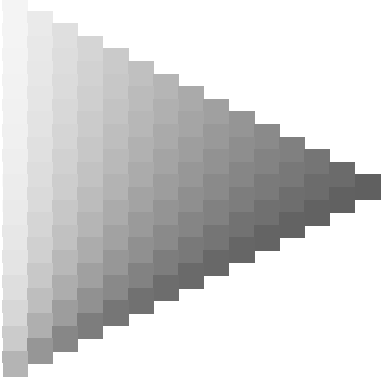

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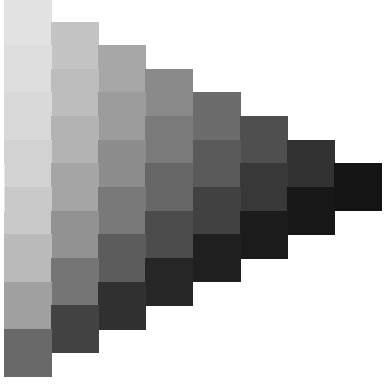

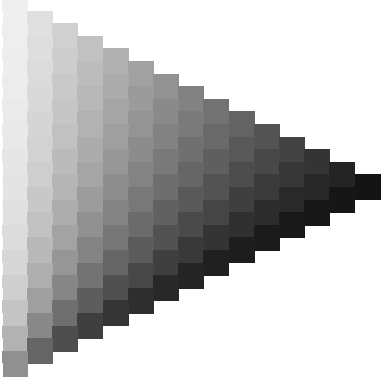

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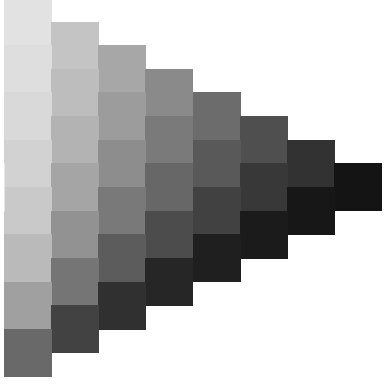

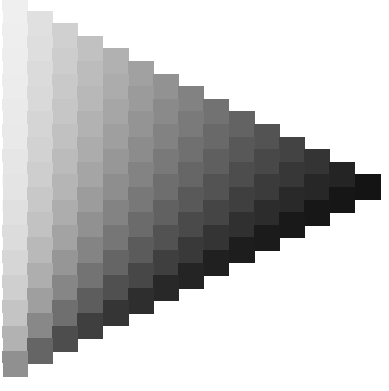

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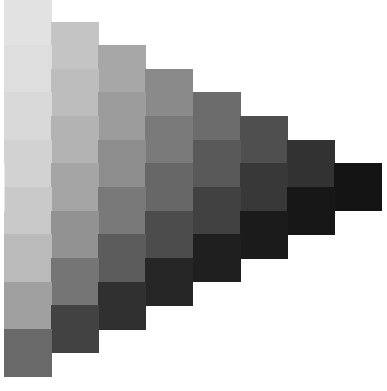

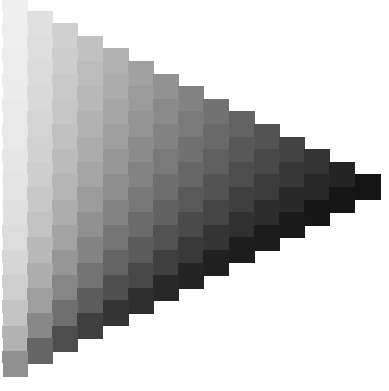

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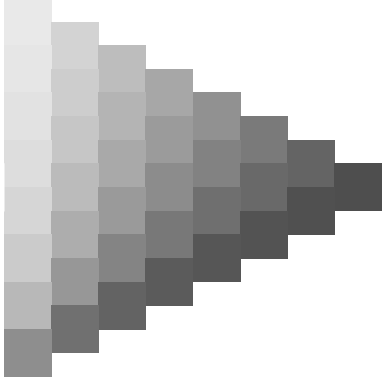
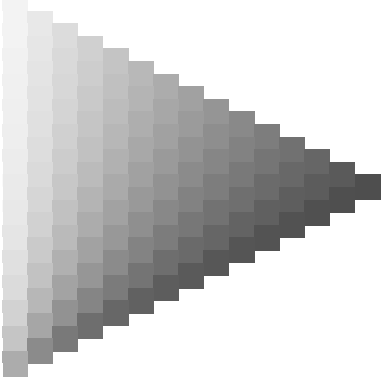
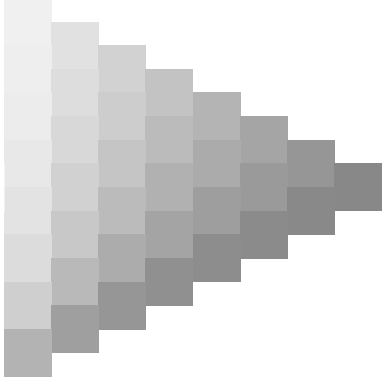
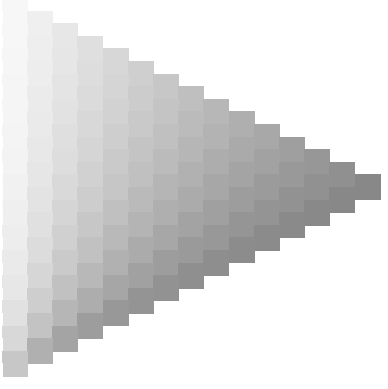




y

y





y

y

y

y

y

y

y

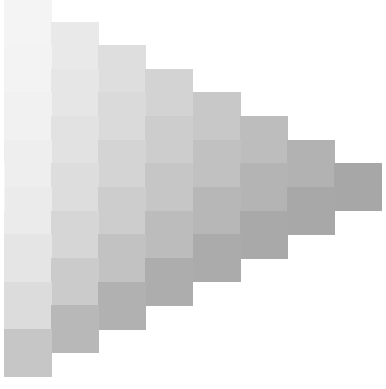
y

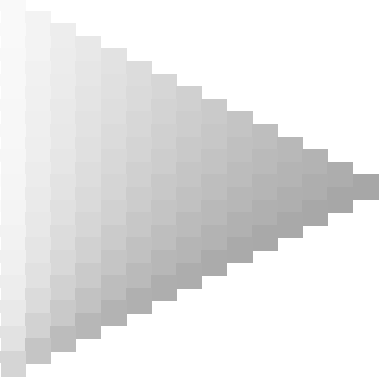
y

y

y

y

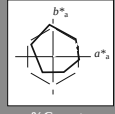




y

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: 52 69 25
olv*Ma: 1.0 0.0 0.32

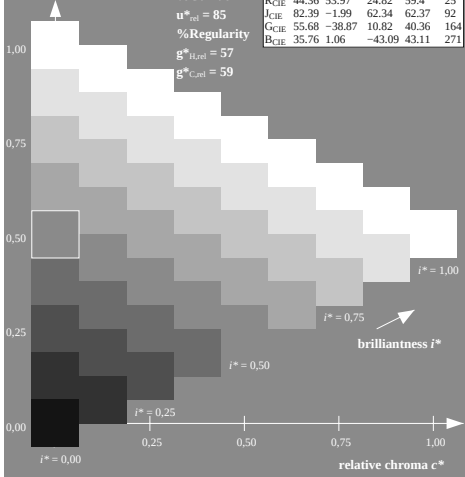


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

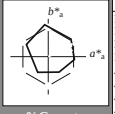
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



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: 52 69 25
olv*Ma: 1.0 0.0 0.32

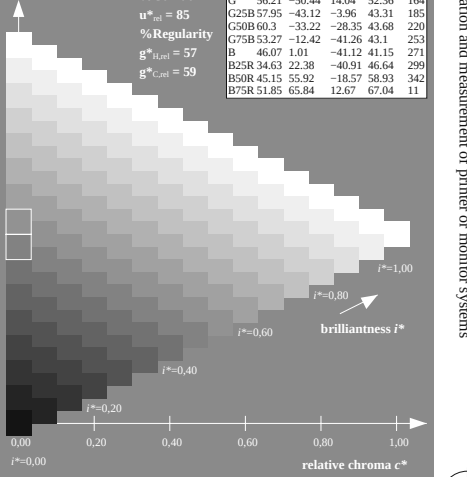


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

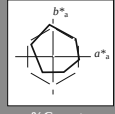
%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 25/360 = 0.069 (left) Page 81/96 ZE920−7N, 16 step scales for constant CIELAB hue 25/360 = 0.069 (right) n

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 41/360 = 0.113$
lab*tch* and *lab*nch
D65: hue R25J
LCH*Ma: 54 74 41
olv*Ma: 1.0 0.05 0.0

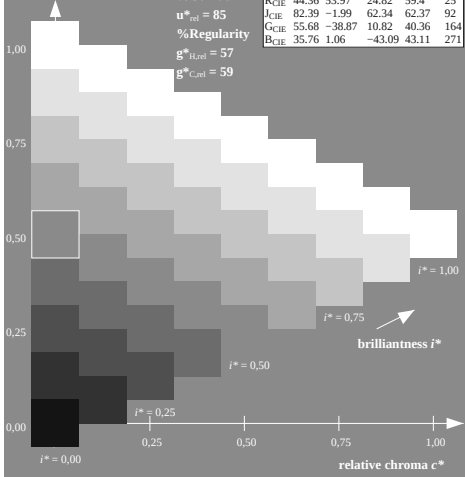


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

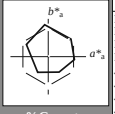
triangle lightness t^*

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 41/360 = 0.113$
lab*tch* and *lab*nch
D65: hue R25J
LCH*Ma: 54 74 41
olv*Ma: 1.0 0.05 0.0

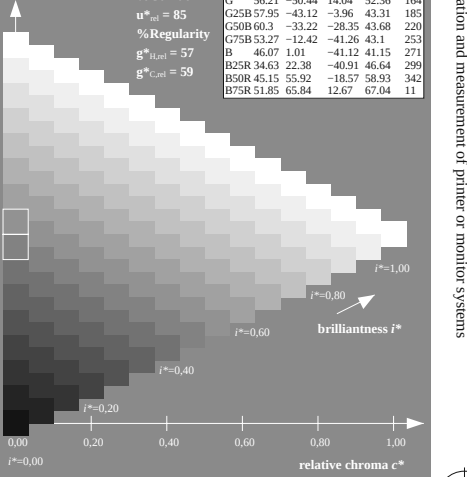


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness t^*

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 41/360 = 0.113 (left) Page 82/96 ZE920−7N, 16 step scales for constant CIELAB hue 41/360 = 0.113 (right) n

Input: Colorimetric Offset Reflective System ORS18

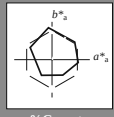
for hue *h* = lab*h = 59/360 = 0.164*

lab*tch* and *lab*nch

D65: hue R50J

LCH*Ma: 65 70 59

olv*Ma: 1.0 0.35 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

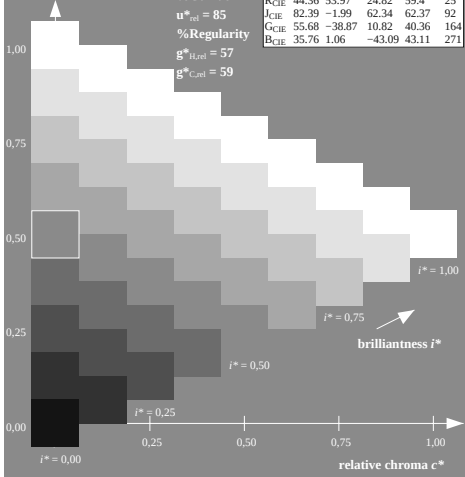
%Gamut

u*$_{rel}$ = 85

%Regularity

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

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



Output: Colorimetric Offset Reflective System ORS18

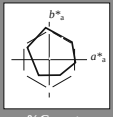
for hue *h* = lab*h = 59/360 = 0.164*

lab*tch* and *lab*nch

D65: hue R50J

LCH*Ma: 65 70 59

olv*Ma: 1.0 0.35 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

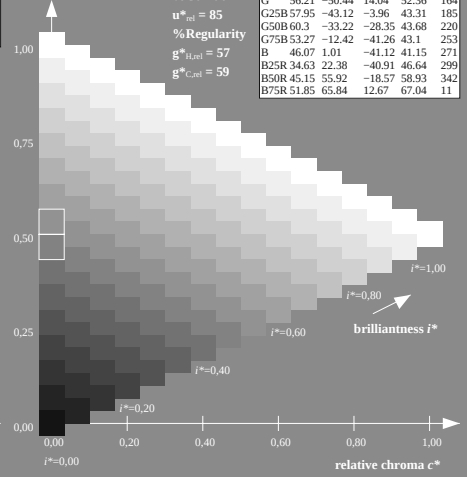
%Gamut

u*$_{rel}$ = 85

%Regularity

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

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



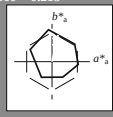
ZE920−7N, 9 step scales for constant CIELAB hue 59/360 = 0.164 (left) Page 83/96 ZE920−7N, 16 step scales for constant CIELAB hue 59/360 = 0.164 (right) n

Input: Colorimetric Offset Reflective System ORS18

for hue *h = lab*h = 77/360 = 0.215**
lab*tch* and *lab*nch
D65: hue R75J
LCH*Ma: 77 72 77
olv*Ma: 1.0 0.63 0.0

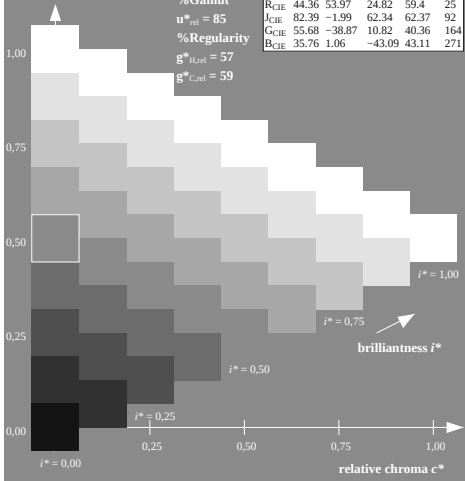
ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271



triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59

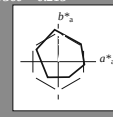


Output: Colorimetric Offset Reflective System ORS18

for hue *h = lab*h = 77/360 = 0.215**
lab*tch* and *lab*nch
D65: hue R75J
LCH*Ma: 77 72 77
olv*Ma: 1.0 0.63 0.0

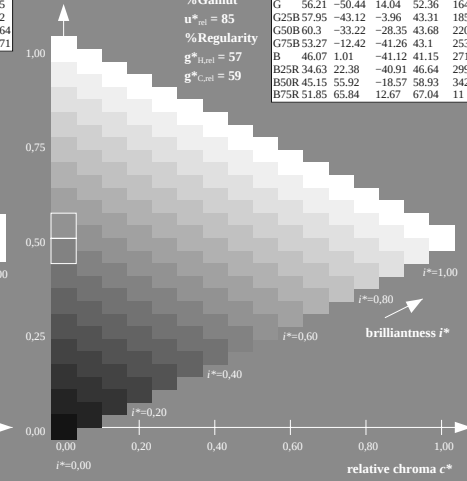
ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11



triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 77/360 = 0.215 (left) Page 84/96 ZE920−7N, 16 step scales for constant CIELAB hue 77/360 = 0.215 (right) n

BAM-test chart ZE92; Colorimetric systems, Page 84/96 input: *rgb / cmy0 set(rgb/cmyk)color*
D65: 9 and 16 step colour scales for 16 elementary hues output: *−>cmyn5* setcmykcolor*

Input: Colorimetric Offset Reflective System ORS18

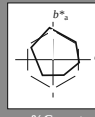
for hue $h^* = lab^*h = 92/360 = 0.255$

lab*tch* and *lab*nch

D65: hue J

LCH*Ma: 87 81 92

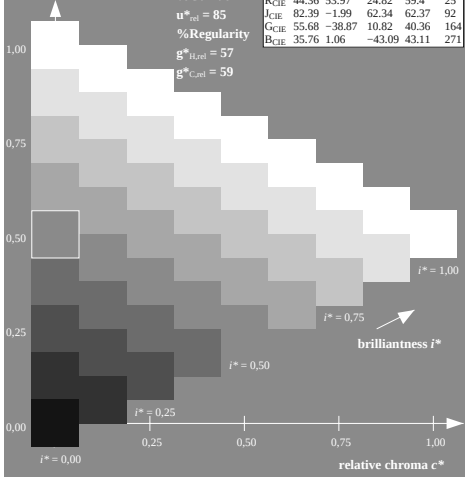
olv*Ma: 1.0 0.9 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t** **%Gamut** **u^*_{rel} = 85** **%Regularity** **$g^*_{H,rel}$ = 57** **$g^*_{C,rel}$ = 59**



Output: Colorimetric Offset Reflective System ORS18

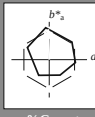
for hue $h^* = lab^*h = 92/360 = 0.255$

lab*tch* and *lab*nch

D65: hue J

LCH*Ma: 87 81 92

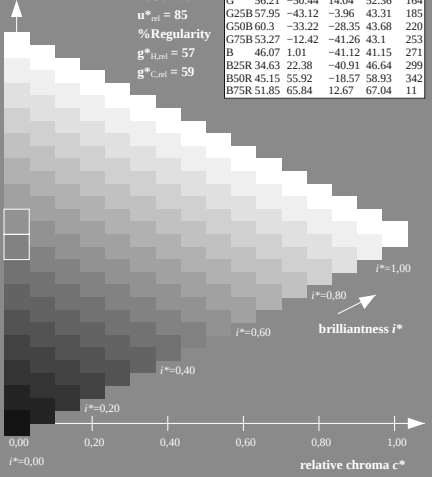
olv*Ma: 1.0 0.9 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t** **%Gamut** **u^*_{rel} = 85** **%Regularity** **$g^*_{H,rel}$ = 57** **$g^*_{C,rel}$ = 59**



ZE920−7N, 9 step scales for constant CIELAB hue 92/360 = 0.255 (left) Page 85/96 ZE920−7N, 16 step scales for constant CIELAB hue 92/360 = 0.255 (right) n

Input: Colorimetric Offset Reflective System ORS18

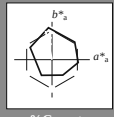
for hue $h^* = lab^*h = 103/360 = 0.286$

lab*tch* and *lab*nch

D65: hue J25G

LCH*Ma: 85 78 103

olv*Ma: 0.84 1.0 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

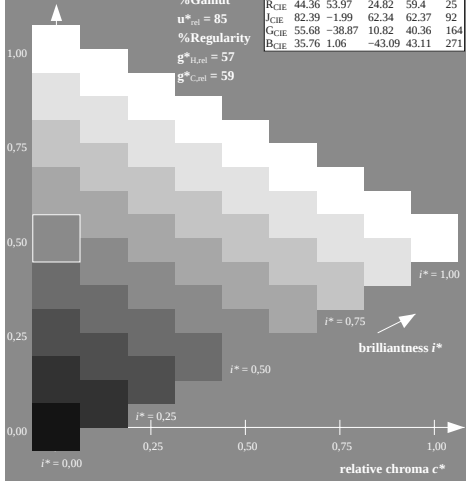
%Gamut

u^*_{rel} = 85

%Regularity

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

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



Output: Colorimetric Offset Reflective System ORS18

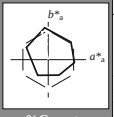
for hue $h^* = lab^*h = 103/360 = 0.286$

lab*tch* and *lab*nch

D65: hue J25G

LCH*Ma: 85 78 103

olv*Ma: 0.84 1.0 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

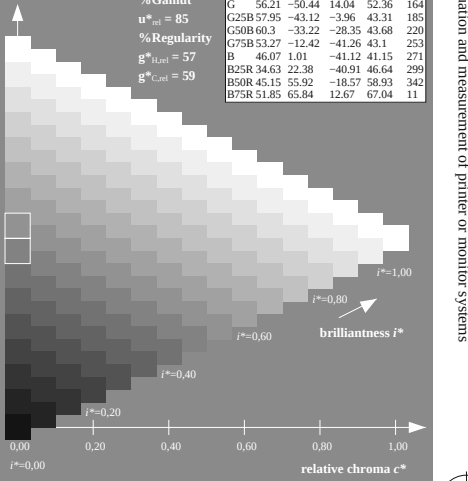
%Gamut

u^*_{rel} = 85

%Regularity

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

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



ZE920−7N, 9 step scales for constant CIELAB hue 103/360 = 0.286 (left) Page 86/96 ZE920−7N, 16 step scales for constant CIELAB hue 103/360 = 0.286 (right) n

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 119/360 = 0.331$

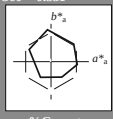
lab*tch* and *lab*nch

D65: hue J50G

LCH*Ma: 73 68 119

olv*Ma: 0.51 1.0 0.0

triangle lightness t^*



%Gamut

u^*_{rel} = 85

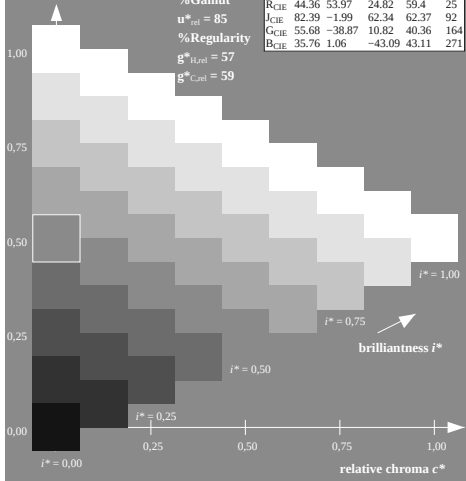
%Regularity

$g^*_{H,rel}$ = 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}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271



Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 119/360 = 0.331$

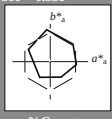
lab*tch* and *lab*nch

D65: hue J50G

LCH*Ma: 73 68 119

olv*Ma: 0.51 1.0 0.0

triangle lightness t^*



%Gamut

u^*_{rel} = 85

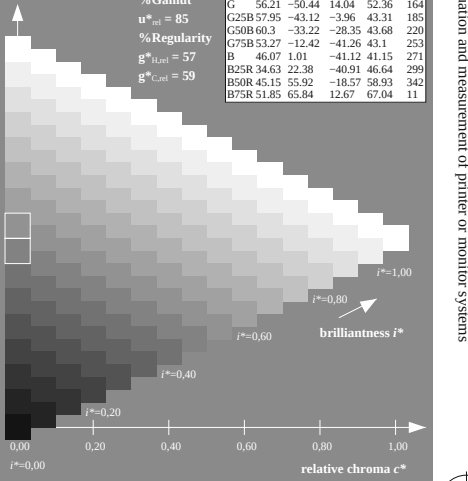
%Regularity

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

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

ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11



ZE920−7N, 9 step scales for constant CIELAB hue 119/360 = 0.331 (left) Page 87/96 ZE920−7N, 16 step scales for constant CIELAB hue 119/360 = 0.331 (right) n

BAM-test chart ZE92; Colorimetric systems, Page 87/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: *−>cmyn5* setcmykcolor*

Input: Colorimetric Offset Reflective System ORS18

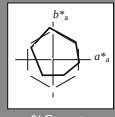
for hue $h^* = lab^*h = 141/360 = 0.393$

lab*tch* and *lab*nch

D65: hue J75G

LCH*Ma: 60 64 141

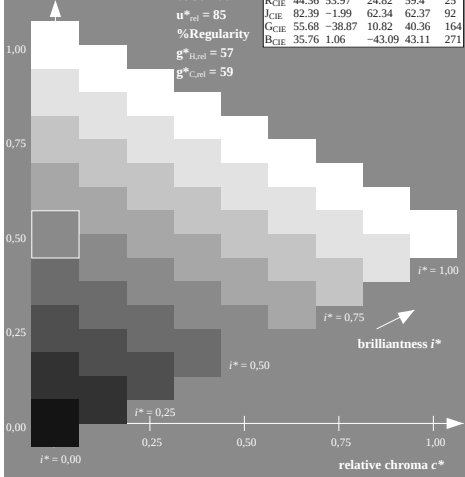
olv*Ma: 0.15 1.0 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t** **%Gamut** **u^*_{rel} = 85** **%Regularity** **$g^*_{H,rel}$ = 57** **$g^*_{C,rel}$ = 59**



Output: Colorimetric Offset Reflective System ORS18

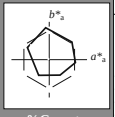
for hue $h^* = lab^*h = 141/360 = 0.393$

lab*tch* and *lab*nch

D65: hue J75G

LCH*Ma: 60 64 141

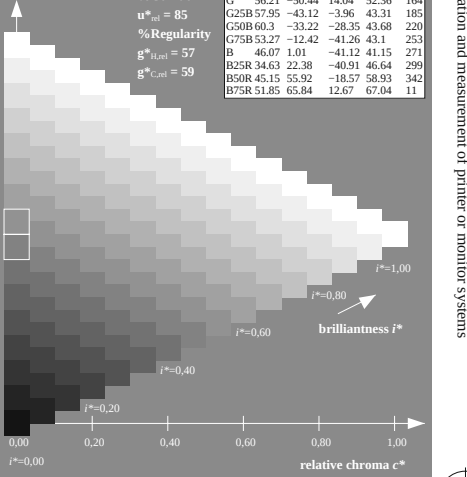
olv*Ma: 0.15 1.0 0.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t** **%Gamut** **u^*_{rel} = 85** **%Regularity** **$g^*_{H,rel}$ = 57** **$g^*_{C,rel}$ = 59**



ZE920−7N, 9 step scales for constant CIELAB hue 141/360 = 0.393 (left) Page 88/96 ZE920−7N, 16 step scales for constant CIELAB hue 141/360 = 0.393 (right) n

Input: Colorimetric Offset Reflective System ORS18

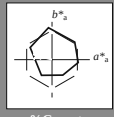
for hue $h^* = lab^*h = 164/360 = 0.457$

lab*tch* and *lab*nch

D65: hue G

LCH*Ma: 56 52 164

olv*Ma: 0.0 1.0 0.25



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

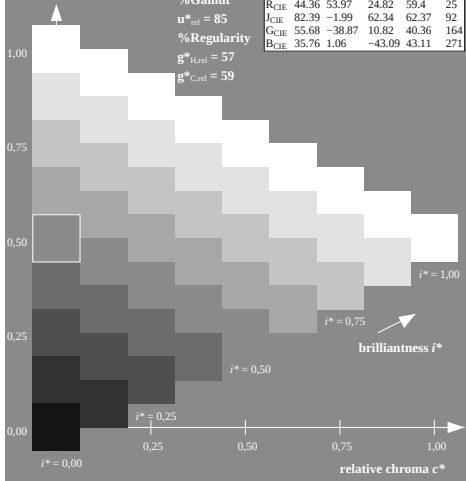
%Gamut

u^*_{rel} = 85

%Regularity

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

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



Output: Colorimetric Offset Reflective System ORS18

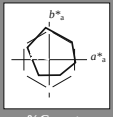
for hue $h^* = lab^*h = 164/360 = 0.457$

lab*tch* and *lab*nch

D65: hue G

LCH*Ma: 56 52 164

olv*Ma: 0.0 1.0 0.25



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

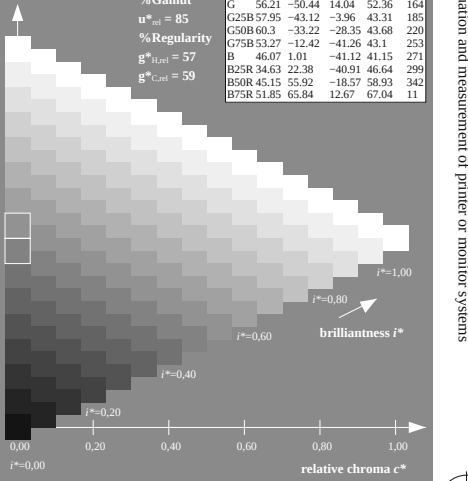
%Gamut

u^*_{rel} = 85

%Regularity

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

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



ZE920−7N, 9 step scales for constant CIELAB hue 164/360 = 0.457 (left) Page 89/96 ZE920−7N, 16 step scales for constant CIELAB hue 164/360 = 0.457 (right) n

Input: Colorimetric Offset Reflective System ORS18

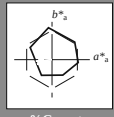
for hue *h* = lab*h = 185/360 = 0.515

lab*tch* and *lab*nch

D65: hue G25B

LCH*Ma: 58 43 185

olv*Ma: 0.0 1.0 0.49



ORS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

%Gamut

u*$_{rel}$ = 85

%Regularity

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

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

1,00
0,75
0,50
0,25
0,00

*i** = 1,00
*i** = 0,75
*i** = 0,50
*i** = 0,25
*i** = 0,00

brilliantness *i**

0,25 0,50 0,75 1,00

relative chroma *c**

Output: Colorimetric Offset Reflective System ORS18

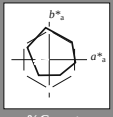
for hue *h* = lab*h = 185/360 = 0.515

lab*tch* and *lab*nch

D65: hue G25B

LCH*Ma: 58 43 185

olv*Ma: 0.0 1.0 0.49



ORS18; adapted (a) CIELAB data

	L*=L*a	a*a	b*a	C*ab,a	h*ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut

u*$_{rel}$ = 85

%Regularity

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

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

1,00
0,75
0,50
0,25
0,00

*i**=1,00
*i**=0,80
*i**=0,60
*i**=0,40
*i**=0,20
*i**=0,00

brilliantness *i**

0,00 0,20 0,40 0,60 0,80 1,00

relative chroma *c**

ZE920−7N, 9 step scales for constant CIELAB hue 185/360 = 0.515 (left) Page 90/96 ZE920−7N, 16 step scales for constant CIELAB hue 185/360 = 0.515 (right) n

BAM-test chart ZE92; Colorimetric systems, Page 90/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: *−>cmyn5* setcmykcolor*

Input: Colorimetric Offset Reflective System ORS18

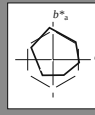
for hue *h* = lab*h = 220/360 = 0.612

lab*tch* and *lab*nch

D65: hue G50B

LCH*Ma: 60 44 220

olv*Ma: 0.0 1.0 0.82



ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a** a	*b** a	*C**ab,a	*h**ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

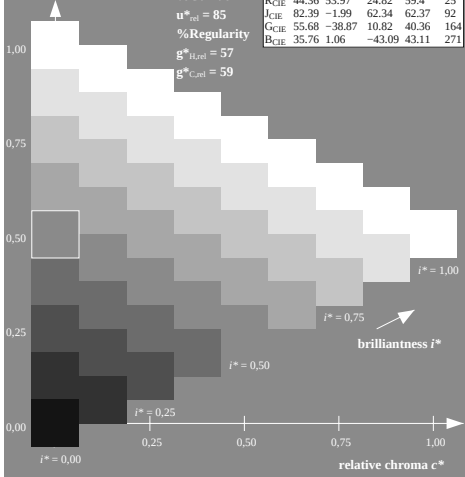
%Gamut

u*$_{rel}$ = 85

%Regularity

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

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



Output: Colorimetric Offset Reflective System ORS18

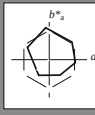
for hue *h* = lab*h = 220/360 = 0.612

lab*tch* and *lab*nch

D65: hue G50B

LCH*Ma: 60 44 220

olv*Ma: 0.0 1.0 0.82



ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a** a	*b** a	*C**ab,a	*h**ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

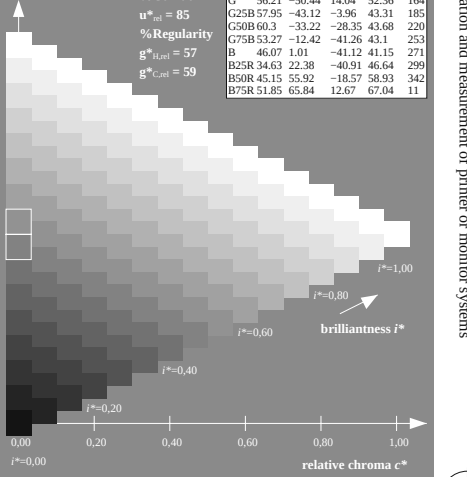
%Gamut

u*$_{rel}$ = 85

%Regularity

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

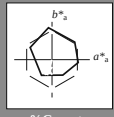
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 220/360 = 0.612 (left) Page 91/96 ZE920−7N, 16 step scales for constant CIELAB hue 220/360 = 0.612 (right) n

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 253/360 = 0.703$
lab*tch* and *lab*nch
D65: hue G75B
LCH*Ma: 53 43 253
olv*Ma: 0.0 0.73 1.0

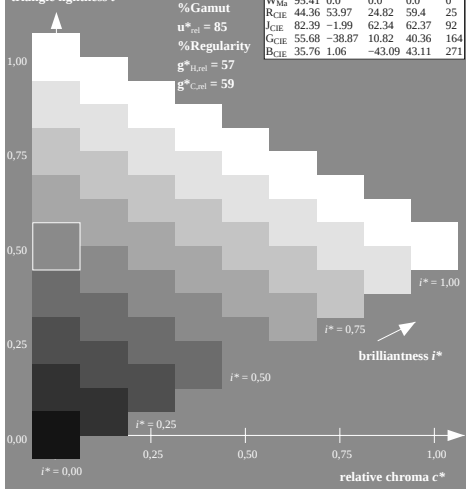


triangle lightness t^*

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

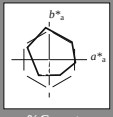
ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271



Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 253/360 = 0.703$
lab*tch* and *lab*nch
D65: hue G75B
LCH*Ma: 53 43 253
olv*Ma: 0.0 0.73 1.0

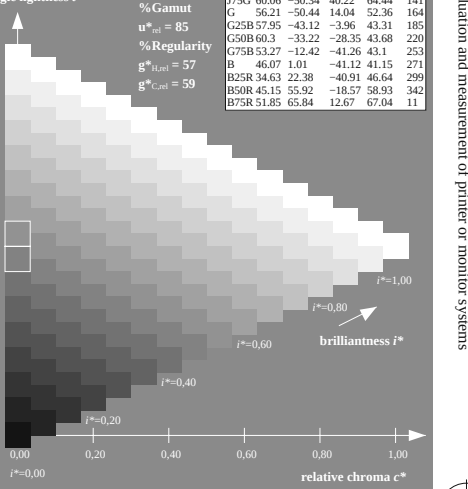


triangle lightness t^*

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59

ORS18; adapted (a) CIELAB data

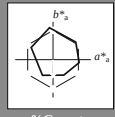
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11



ZE920−7N, 9 step scales for constant CIELAB hue 253/360 = 0.703 (left) Page 92/96 ZE920−7N, 16 step scales for constant CIELAB hue 253/360 = 0.703 (right) n

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: 46 41 271
olv*Ma: 0.0 0.49 1.0

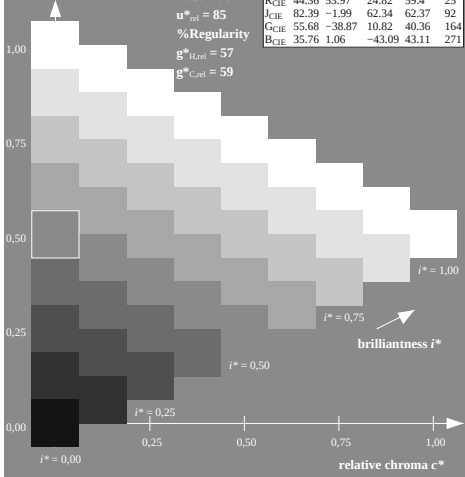


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

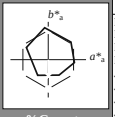
triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



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: 46 41 271
olv*Ma: 0.0 0.49 1.0

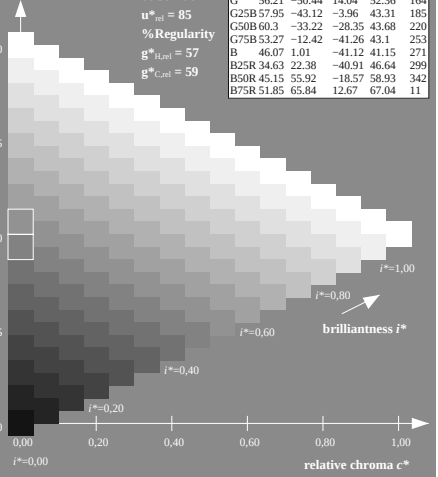


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

%Gamut
u*$_{rel}$ = 85
%Regularity
g*$_{H,rel}$ = 57
g*$_{C,rel}$ = 59



ZE920−7N, 9 step scales for constant CIELAB hue 271/360 = 0.754 (left) Page 93/96 ZE920−7N, 16 step scales for constant CIELAB hue 271/360 = 0.754 (right) n

BAM-test chart ZE92; Colorimetric systems, Page 93/96
D65: 9 and 16 step colour scales for 16 elementary hues

input: *rgb / cmy0 set(rgb/cmyk)color*
output: *−>cmyn5* setcmykcolor*

Input: Colorimetric Offset Reflective System ORS18

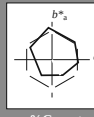
for hue $h^* = lab^*h = 299/360 = 0.83$

lab*tch* and *lab*nch

D65: hue B25R

LCH*Ma: 35 47 299

olv*Ma: 0.0 0.11 1.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

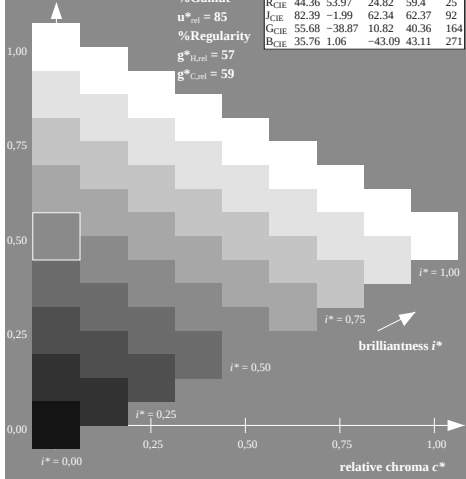
%Gamut

u^*_{rel} = 85

%Regularity

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

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



Output: Colorimetric Offset Reflective System ORS18

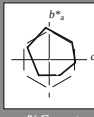
for hue $h^* = lab^*h = 299/360 = 0.83$

lab*tch* and *lab*nch

D65: hue B25R

LCH*Ma: 35 47 299

olv*Ma: 0.0 0.11 1.0



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

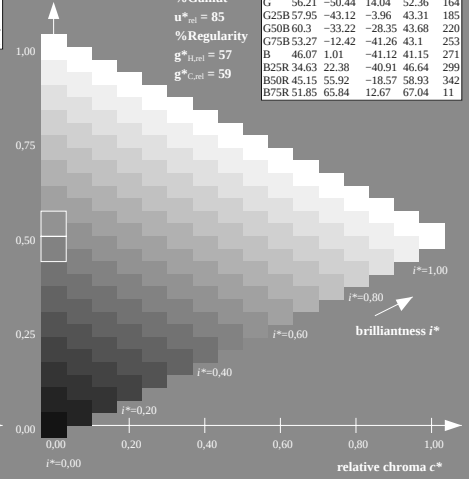
%Gamut

u^*_{rel} = 85

%Regularity

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

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



ZE920−7N, 9 step scales for constant CIELAB hue 299/360 = 0.83 (left) Page 94/96 ZE920−7N, 16 step scales for constant CIELAB hue 299/360 = 0.83 (right) n

Input: Colorimetric Offset Reflective System ORS18

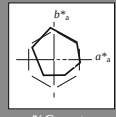
for hue *h* = lab*h = 342/360 = 0.949

lab*tch* and *lab*nch

D65: hue B50R

LCH*Ma: 45 59 342

olv*Ma: 0.67 0.0 1.0



ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a** a	*b** a	*C**ab,a	*h**ab,a
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

triangle lightness *t**

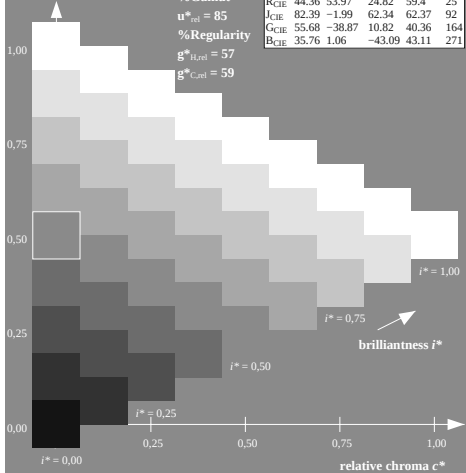
%Gamut

u*rel = 85

%Regularity

g*H,rel = 57

g*C,rel = 59



Output: Colorimetric Offset Reflective System ORS18

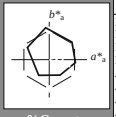
for hue *h* = lab*h = 342/360 = 0.949

lab*tch* and *lab*nch

D65: hue B50R

LCH*Ma: 45 59 342

olv*Ma: 0.67 0.0 1.0



ORS18; adapted (a) CIELAB data

	*L**=*L**a	*a** a	*b** a	*C**ab,a	*h**ab,a
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
J	86.93	−2.58	80.67	80.71	92
J25G	84.92	−17.23	75.99	77.92	103
J50G	73.11	−32.96	59.0	67.58	119
J75G	60.06	−50.34	40.22	64.44	141
G	56.21	−50.44	14.04	52.36	164
G25B	57.95	−43.12	−3.96	43.31	185
G50B	60.3	−33.22	−28.35	43.68	220
G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
B50R	45.15	55.92	−18.57	58.93	342
B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

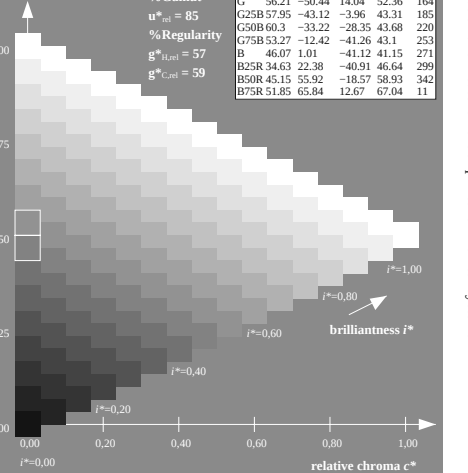
%Gamut

u*rel = 85

%Regularity

g*H,rel = 57

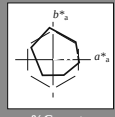
g*C,rel = 59



ZE920−7N, 9 step scales for constant CIELAB hue 342/360 = 0.949 (left) Page 95/96 ZE920−7N, 16 step scales for constant CIELAB hue 342/360 = 0.949 (right) n

Input: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 11/360 = 0.03$
lab*tch* and *lab*nch
D65: hue B75R
LCH*Ma: 52 67 11
olv*Ma: 1.0 0.0 0.62

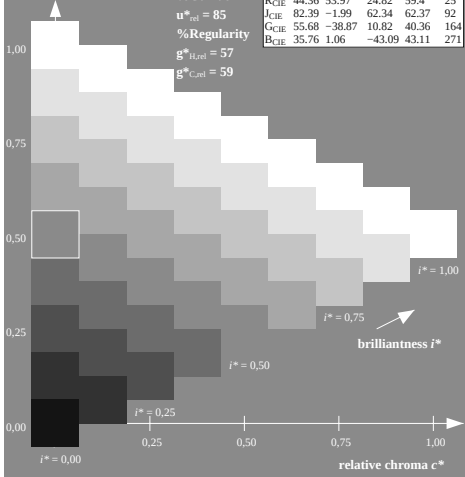


ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	51.74	60.16	46.48	76.02	38
Y_{Ma}	90.77	−9.44	84.41	84.94	96
L_{Ma}	54.46	−57.8	32.16	66.15	151
C_{Ma}	61.56	−27.91	−41.41	49.95	236
V_{Ma}	31.3	28.61	−40.85	49.88	305
M_{Ma}	51.91	69.26	−7.69	69.68	354
N_{Ma}	24.2	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	44.36	53.97	24.82	59.4	25
J_{CIE}	82.39	−1.99	62.34	62.37	92
G_{CIE}	55.68	−38.87	10.82	40.36	164
B_{CIE}	35.76	1.06	−43.09	43.11	271

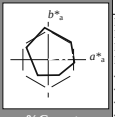
triangle lightness *t**

%Gamut
u^*_{rel} = 85
%Regularity
$g^*_{H,rel}$ = 57
$g^*_{C,rel}$ = 59



Output: Colorimetric Offset Reflective System ORS18

for hue $h^* = lab^*h = 11/360 = 0.03$
lab*tch* and *lab*nch
D65: hue B75R
LCH*Ma: 52 67 11
olv*Ma: 1.0 0.0 0.62



ORS18; adapted (a) CIELAB data

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
R	51.79	63.09	29.02	69.44	25
R25J	53.73	56.6	48.42	74.48	41
R50J	65.47	35.67	59.82	69.65	59
R75J	76.51	15.98	70.55	72.34	77
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J25G	84.92	−17.23	75.99	77.92	103
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G75B	53.27	−12.42	−41.26	43.1	253
B	46.07	1.01	−41.12	41.15	271
B25R	34.63	22.38	−40.91	46.64	299
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B75R	51.85	65.84	12.67	67.04	11

triangle lightness *t**

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u^*_{rel} = 85
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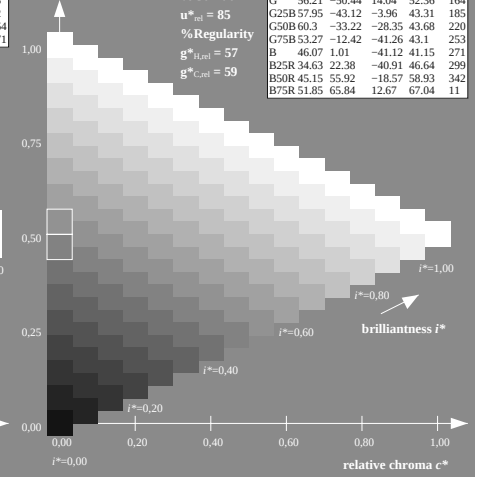

ZE920−7N, 9 step scales for constant CIELAB hue 11/360 = 0.03 (left) Page 96/96 ZE920−7N, 16 step scales for constant CIELAB hue 11/360 = 0.03 (right) n