

http://130.149.60.45/~farbmetrik/NE22/NE22L0NA.TXT /PS; start output
N: No Output Linearization (OL) data in File (F), Startup (S) or Device (D)

colorness	color number	digital rel. value		
$O^*L^*V^*$	n	h^*	d	$D(Y_Y = 93 \text{ video})$
15,15, 0	3	FF0*	4080	93-(81/81)·2,55
13,13, 0	-	DD0*	3536	93-(64/81)·2,55
11,11, 0	-	BB0*	2992	93-(49/81)·2,55
9, 9, 0	-	990*	2448	93-(36/81)·2,55
7, 7, 0	11	770*	1904	93-(25/81)·2,55
5, 5, 0	-	550*	1360	93-(16/81)·2,55
3, 3, 0	-	330*	816	93-(9/81)·2,55
1, 1, 0	-	110*	272	93-(4/81)·2,55
0, 0, 0	0	000*	0	81-(2/81)·2,55

NE220-1, B5_31_1

colorness	color number	digital rel. value
$O^* L^* V^*$	n h^* d	$D(Y_M = 29 \text{ video})$
15, 0,15	5 F0F*	3855 29-(81/81)·2,55
13, 0,13	- D0D*	3341 29-(64/81)·2,55
11, 0,11	- B0B*	2827 29-(49/81)·2,55
9, 0, 9	- 909*	2313 29-(36/81)·2,55
7, 0, 7	13 707*	2999 29-(25/81)·2,55
5, 0, 5	- 505*	1285 29-(16/81)·2,55
3, 0, 3	- 303*	771 29-(9/81)·2,55
1, 0, 1	- 101*	257 29-(4/81)·2,55
0, 0, 0	0 000*	0 81-(2/81)·2,55

NE220-2, B5_31_2

colorness	color number	digital rel. value		
$O^*L^*V^*$	n	h^*	d	$D(Y_C = 78 \text{ video})$
0,15,15	6	0FF*	255	78-(81/81)·2,55
0,13,13	–	0DD*	221	78-(64/81)·2,55
0,11,11	–	0BB*	187	78-(49/81)·2,55
0, 9, 9	–	099*	153	78-(36/81)·2,55
0, 7, 7	14	077*	119	78-(25/81)·2,55
0, 5, 5	–	055*	85	78-(16/81)·2,55
0, 3, 3	–	033*	51	78-(9/81)·2,55
0, 1, 1	–	011*	17	78-(4/81)·2,55
0, 0, 0	0	000*	0	81-(2/81)·2,55

NE220-3, B5_31_2

colorness	color number	digital rel. value		
$O^*L^*V^*$	n	h^*	d	$D(Y_Y = 93 \text{ video})$
15,15,15	7	FFF*	4095	$[93+7-(81/81)] \cdot 2,55$
15,15,13	–	FFD*	4093	$[93+7-(64/81)] \cdot 2,55$
15,15,11	–	FFB*	4091	$[93+7-(49/81)] \cdot 2,55$
15,15, 9	–	FF9*	4089	$[93+7-(36/81)] \cdot 2,55$
15,15, 7	–	FF7*	4087	$[93+7-(25/81)] \cdot 2,55$
15,15, 5	–	FF5*	4085	$[93+7-(16/81)] \cdot 2,55$
15,15, 3	–	FF3*	4083	$[93+7-(9/81)] \cdot 2,55$
15,15, 1	–	FF1*	4081	$[93+7-(4/81)] \cdot 2,55$
15,15, 0	3	FF0*	4080	$[93+7-(0/81)] \cdot 2,55$

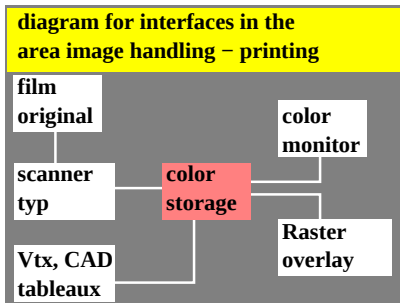
NE220-4, B5_32_1

colorness	color number	digital rel. value
$O^*L^*V^*$	n	h^* d $D(Y_M = 29 \text{ video})$
15,15,15	7	FFF* 4095 [29+71-(81/81)]·2,55
15,13,15	–	FDF* 4063 [29+71-(64/81)]·2,55
15,11,15	–	FBF* 4031 [29+71-(49/81)]·2,55
15, 9,15	–	F9F* 3999 [29+71-(36/81)]·2,55
15, 7,15	–	F7F* 3967 [29+71-(25/81)]·2,55
15, 5,15	–	F5F* 3935 [29+71-(16/81)]·2,55
15, 3,15	–	F3F* 3903 [29+71-(9/81)]·2,55
15, 1,15	–	F1F* 3871 [29+71-(4/81)]·2,55
15, 0,15	5	F0F* 3855 [29+71-(0/81)]·2,55

NE220-5, B5_32_2

colorness	color number	digital rel. value		
$O^*L^*V^*$	n	h^*	d	$D(Y_C = 78 \text{ video})$
15,15,15	7	FFF*	4095	$[78+22-(81/81)] \cdot 2,5$
13,15,15	–	DFF*	3583	$[78+22-(64/81)] \cdot 2,5$
11,15,15	–	BFF*	3071	$[78+22-(49/81)] \cdot 2,5$
9,15,15	–	9FF*	2559	$[78+22-(36/81)] \cdot 2,5$
7,15,15	–	7FF*	2047	$[78+22-(25/81)] \cdot 2,5$
5,15,15	–	5FF*	1535	$[78+22-(16/81)] \cdot 2,5$
3,15,15	–	3FF*	1023	$[78+22-(9/81)] \cdot 2,5$
1,15,15	–	1FF*	511	$[78+22-(4/81)] \cdot 2,5$
0,15,15	6	0FF*	255	$[78+22-(0/81)] \cdot 2,5$

NE220-6, B5_32_3



NE220-7, B6_01

bit storage and color palette

The diagram illustrates a bit storage and color palette. It features a 7x7 grid of bits. The top row is highlighted in blue and labeled 'n'. The grid is divided into three regions: a top row of blue bits, a middle section of green bits labeled 'O*', and a bottom section of red bits labeled 'L*V'. The bottom right corner of the grid is labeled 'O'.

n	$O^*L^*V^*$
0	0 0 0 0
1	1 1 0 0
2	2 0 0 0
3	3 1 1 0
4	4 0 0 1
5	5 1 0 1
6	6 0 0 1
7	7 1 1 1

3 × 1 bit planes for eight colors

NE220-8, B6_02

bit storage and color palette

n O^*L^*V

0	0 0 0 0
1	1 3 0 0
2	2 0 3 0
3	3 3 3 0
4	4 0 0 3
5	5 3 0 3
6	6 0 3 3
7	7 3 3 3

3 × 2 bit planes for 64 colors

NE221-1, B6_03

bit storage and color palette

3x3 bit planes for 512 colors

n	$O^*L^*V^*$
0	0 0 0 0
1	1 1 0 0
2	2 0 1 0
3	3 1 0 0
4	4 0 0 1
5	5 1 0 1
6	6 0 1 1
7	7 1 1 1

NE221-2, B6_04

bit storage and color palette

n $O^*L^*V^*$

0	A	5	2	0	1	F	3
F	0	C	9	3	7	4	1
0	C	B	5	7	3	F	1

NE221-3, B6_05

3x2
bit planes
for 64 colors

NE221-4, B6_06_1

bit storage and color palette

The diagram illustrates the bit storage and color palette for 64 colors. It shows a 3x2 grid of bit planes, with an arrow pointing to a 3x2 grid of color palettes. The color palettes are labeled O, L, and V.

The bit storage is represented by a 3x2 grid of bit planes. The top row contains the bits 0, 0, 3, 2, 0, 3, 0, 2, 1. The middle row contains 3, 3, 2, 2, 1, 3, 2, 0. The bottom row contains 0, 2, 3, 0, 2, 2, 0, 1. The color palettes are labeled O, L, and V.

3 × 2 bit planes for 64 colors

NE221-5, B6_06_2

3 x 4
bit planes
for 4096 colors

NE221-6, B6_07_1

bit storage and color palette

3 × 4 bit planes for 4096 colors

NE221-7, B6_07_2

Vtx-standard colors no. 1 to 6
1 2 3 4 5 6
F00* 0F0* FF0* 00F* F0F* 0FF*
achromatic basic colors
0 8 7
000* 333* 777* BBB* FFF*

NE221-8, B6_08

TUB-test chart NE22; Richter: Computer graphics, colorimetry
Colour book series: Colour order and reproduction no. 4

input: *rgb setrgbcolor*
output: no colour data change

TUB registration: 20101101-NE22/NE22L0NA.TXT /PS
application for measurement of printer or monitor systems

TUB material: code=rha4ta