

Farbheit	Farbnummer	Digitalbezugswert		
$O^*L^*V^*$	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

NG220-1, B5_31_1

Farbheit	Farbnummer	Digitalbezugswert		
$O^*L^*V^*$	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

NG220-2, B5_31_2

Farbheit	Farbnummer	Digitalbezugswert		
$O^*L^*V^*$	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

NG220-3, B5_31_2

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

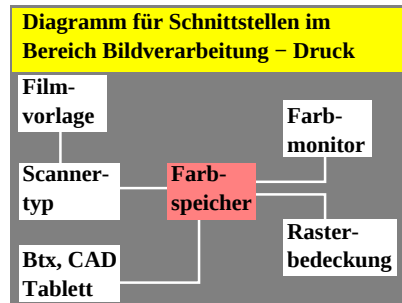
NG220-4, B5_32_1

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

NG220-5, B5_32_2

Farbheit	Farbnummer	Digitalbezugswert		
$O^*L^*V^*$	n	h^*	d	$D(Y_C = 78 \text{ Video})$
15,15,15	7	FFF*	4095	$[78+22\cdot(81/81)]\cdot2,5$
13,15,15	–	DFF*	3583	$[78+22\cdot(64/81)]\cdot2,5$
11,15,15	–	BFF*	3071	$[78+22\cdot(49/81)]\cdot2,5$
9,15,15	–	9FF*	2559	$[78+22\cdot(36/81)]\cdot2,5$
7,15,15	–	7FF*	2047	$[78+22\cdot(25/81)]\cdot2,5$
5,15,15	–	5FF*	1535	$[78+22\cdot(16/81)]\cdot2,5$
3,15,15	–	3FF*	1023	$[78+22\cdot(9/81)]\cdot2,5$
1,15,15	–	1FF*	511	$[78+22\cdot(4/81)]\cdot2,5$
0,15,15	6	0FF*	255	$[78+22\cdot(0/81)]\cdot2,5$

NG220-6, B5_32_3



NG220-7, B6_01

Bitspeicher und Farbpalette

The diagram illustrates the bit storage and color palette for a 3x10 grid. The grid is divided into three sections: a top section with 10 bits (00110010), a middle section with 10 bits (11011000), and a bottom section with 10 bits (00110001). The bits are arranged in a 3x10 grid, with the top row containing 10 bits, the middle row containing 10 bits, and the bottom row containing 10 bits. The bits are color-coded: blue for the top row, green for the middle row, and red for the bottom row. A color palette of 8 colors is shown to the right, with each color corresponding to a bit pattern. The palette is labeled 'n O*L*V'.

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

3x1 Bitebene für acht Farben

NG220-8, B6_02

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

NG221-1, B6_03

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

NG221-2, B6_04

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

NG221-3, B6_05

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

NG221-4, B6_06_1

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

NG221-5, B6_06_2

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

NG221-6, B6_07_1

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

NG221-7, B6_07_2

Btx-Standardfarben Nr. 1 bis 6
1 2 3 4 5 6
F00* 0F0* FF0* 00F* F0F* 0FF*
unbunte Hauptfarben
0 8 7
000* 333* 777* BBB* FFF*

NG221-8, B6_08