

see similar files: http://130.149.60.45/~farbmetric/VE21/VE21L0N1.TXT /PS; start output
technical information: http://www.ps.bandmate or http://130.149.60.45/~farbmetric

rgb^{*}_{AB} and CIE data of a elementary hue circle according to CIE RI-47 for Ostwald colours for CIE illuminant D50
 $Y_{xy}, a_{CIE}, b_{CIE}, Lab^{*}_{CIE}, Lab^{*}_{CIE}$ data for relative spacing of elementary hue h_{AB} of LYNAB for CIE 10 degree observer
Elementary hue circle with 4 internal elementary hue angles: $h_{AB} = 17.7, 93.1, 270.8$ of LYNAB, and 16 internal hue angles:
17.7 36.6 55.5 74.4 93.3 109.7 126.2 142.7 158.1 170.8 214.9 242.8 270.8 297.5 324.2 351.0
LYNAB data of CIE test colours 9 (R): 20.6 11.2 43.3, 10 (G): 54.8 59.0 120.1, 11 (G): 23.1 153.3 123.5, 12 (B): 6.2 6.4 27.6

LAB^{*}_{AB}	x	y	a	b	C_{AB}	A	B	C_{AB}	LAB^{*}_{AB}	L*	a*	b*	C^{*}_{AB}	rgb^{*}_{AB}	Code $_{AB}$		
000	41.1	0.508	0.314	1.615	-0.234	0.687	27.1	6.6	28.7	17.0	71.9	29.0	77.6	22.2	1.00 0.00 0.00 %	R500Y	
001	41.7	0.59	0.303	1.490	-0.016	0.691	22.9	17.8	28.8	73.3	70.1	69.1	116.6	58.2	1.00 0.25 0.00 %	R250Y	
002	50.6	0.554	0.484	1.249	0.0	0.527	16.7	24.3	29.5	75.5	79.6	39.3	135.2	140.8	73.7	1.00 0.50 0.00 %	R50Y
003	69.3	0.516	0.461	1.077	-0.042	0.45	16.8	31.2	74.2	86.7	18.2	143.3	144.5	102.7	1.00 0.75 0.00 %	R75Y	
004	82.1	0.476	0.515	0.923	-0.086	0.43	-2.1	39.6	35.7	93.5	93.8	-4.4	147.7	143.8	91.7	1.00 1.00 0.00 %	Y000
005	92.0	0.420	0.533	0.805	-0.077	0.432	-13.4	37.9	40.2	109.5	97.1	-26.2	117.0	102.5	75.1	1.00 0.00 0.00 %	Y500
006	84.5	0.373	0.575	0.649	-0.035	0.5	-25.4	33.8	126.8	92.6	-56.7	103.3	121.2	117.6	0.50 1.00 0.00 %	Y500	
007	71.9	0.276	0.634	0.425	-0.046	0.39	-37.7	42.0	146.7	87.0	-102.5	88.5	136.4	139.2	0.25 1.00 0.00 %	Y750	
008	61.7	0.188	0.532	0.264	-0.031	0.35	-50.1	45.2	161.3	75.6	-135.1	75.6	160.2	160.2	0.00 1.00 0.00 %	Y000	
009	50.8	0.106	0.375	0.043	-0.047	0.350	-59.0	39.1	180.3	58.1	-94.1	-94.1	180.3	180.3	0.00 0.50 0.00 %	G500	
010	38.2	0.062	0.266	0.552	-0.277	0.44	-23.2	17.0	216.2	80.0	-90.1	-31.1	75.8	204.2	0.00 1.00 0.00 %	G500	
011	26.1	0.034	0.227	0.957	-1.124	0.770	-13.8	-26.9	340.0	242.5	68.5	-50.1	75.7	225.6	0.00 0.50 0.00 %	G750	
012	18.7	0.127	0.129	0.985	-2.302	1.967	0.0	-34.9	34.9	271.6	58.3	3.4	-84.8	84.9	272.3	0.00 0.00 0.00 %	B000
013	10.6	0.204	0.075	1.711	-3.014	3.012	18.8	-36.1	40.7	100.0	99.2	-100.7	141.4	234.5	0.50 0.00 0.00 %	B250	
014	29.3	0.238	0.152	2.224	-1.331	1.965	37.3	-26.6	104.0	108.0	-65.3	124.4	33.1	0.00 1.00 0.00 %	B500		
015	40.5	0.423	0.237	1.784	-1.572	0.845	33.8	-5.5	34.2	350.6	69.0	86.4	-14.1	87.5	350.7	0.00 0.00 0.00 %	B750
016	41.1	0.508	0.314	1.615	-0.234	0.687	27.1	6.6	28.7	17.0	71.9	29.0	77.6	22.2	1.00 0.00 0.00 %	R500Y	

CIEXYZ data of CIE test colours 9 (R): 20.6 11.2 43.3, 10 (G): 54.8 59.0 120.1, 11 (G): 23.1 153.3 123.5, 12 (B): 6.2 6.4 27.6

5 step equidistant grey scale with intended luminance: $L^* = 0.0, 25.0, 50.0, 75.0, 100.0$

1 step equivalent grey scale with minimum variance. 2														
- 0.00, 2.50, 5.00, 7.50, 10.00														
000	0.0	0.0	0.0	0.0	0.0	1.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00 % N000M
001	4.4	0.312	0.329	0.95	-0.435	0.61	0.0	0.0	77.1	25.0	0.0	0.0	0.0	0.25 25.0 0.25 % N250M
002	18.4	0.312	0.329	0.95	-0.435	0.61	0.0	0.0	57.4	50.0	0.0	0.0	0.0	0.50 50.0 0.50 % N500M
003	42.8	0.312	0.329	0.95	-0.435	0.61	0.0	0.0	22.9	75.0	0.0	0.0	0.0	0.75 75.0 0.75 % N750M
004	100.0	0.312	0.329	0.95	-0.435	0.61	0.0	0.0	0.0	100.0	0.0	0.0	0.0	1.00 1.00 1.00 % N100M

1-000000-L0

VE210-3N

rgb^{*}_{AB} and CIE data of a elementary hue circle according to CIE RI-47 for Ostwald colours for CIE illuminant D50
 $Y_{xy}, a_{CIE}, b_{CIE}, Lab^{*}_{CIE}, Lab^{*}_{CIE}$ data for relative spacing of elementary hue h_{AB} of LYNAB for CIE 10 degree observer
Elementary hue circle with 4 internal elementary hue angles: $h_{AB} = 13.5, 87.3, 165.5, 266.0$ of LYNAB, and 16 internal hue angles:
13.5 32.2 50.6 69.0 87.3 107.0 126.6 146.2 165.5 196.0 216.0 246.0 266.0 293.0 319.5 346.9
LYNAB data of CIE test colours 9 (R): 21.4 11.3 28.8, 10 (G): 60.2 60.7 168.1, 11 (G): 15.8 -7.0 12.7, 12 (B): 5.9 -6.4 -5.5

LAB^{*}_{AB}	x	y	a	b	C_{AB}	A	B	C_{AB}	LAB^{*}_{AB}	L*	a*	b*	C^{*}_{AB}	rgb^{*}_{AB}	Code $_{AB}$	
000	40.9	0.545	0.328	1.602	-0.153	0.72	29.2	7.3	30.1	14.2	70.7	74.4	121.7	81.1	24.3	1.00 0.00 0.00 % R500Y
001	46.5	0.59	0.401	1.497	-0.022	0.71	24.5	12.5	35.4	127.1	65.8	127.1	140.8	104.0	0.25 0.00 0.00 % R250Y	
002	63.8	0.551	0.447	1.233	0.003	0.624	19.0	28.7	66.8	58.6	82.4	161.4	145.8	75.4	0.50 0.50 0.00 % R50Y	
003	74.3	0.52	0.470	0.901	-0.002	0.351	9.4	24.3	68.7	89.0	19.1	146.8	147.6	82.5	0.50 0.75 0.00 % R75Y	
004	86.1	0.491	0.502	0.978	-0.085	0.325	1.1	27.4	26.5	97.5	93.7	12.4	145.0	90.9	1.00 1.00 0.00 % Y000	
005	94.4	0.454	0.527	0.871	-0.108	0.324	-8.4	29.3	102.7	88.2	121.5	102.7	121.5	102.7	0.00 1.00 0.00 % Y500	
006	87.4	0.408	0.555	0.725	-0.025	0.38	-19.9	26.3	128.8	94.9	-141	109.6	131.7	118.5	0.50 0.00 0.00 % Y500	
007	73.7	0.32	0.62	0.515	-0.038	0.525	-33.5	29.4	144.8	88.0	-95.9	92.6	125.8	132.5	0.25 1.00 0.00 % Y750	
008	50.4	0.199	0.557	0.358	-0.174	0.52	-36.9	31.7	165.6	81.5	-118.3	123.1	122.4	164.7	0.00 1.00 0.00 % G500	
009	38.2	0.176	0.396	0.449	-0.428	0.524	-39.7	35.9	196.8	80.0	-92.8	115.9	109.2	200.0	0.00 0.50 0.00 % G750	
010	26.1	0.156	0.313	0.606	-0.607	0.577	-23.1	45.6	210.7	75.4	-70.4	-81.1	188.9	200.0	0.00 0.00 0.00 % B000	
011	16.3	0.127	0.235	0.541	-1.081	0.602	-12.8	52.6	246.6	61.0	-58.7	-55.2	87.8	228.0	0.00 0.50 0.00 % B250	
012	9.0	0.238	0.123	1.144	-0.853	-0.293	1.702	-17	27.7	273.2	266.2	47.0	-104.0	91.0	265.1	0.00 1.00 0.00 % B500
013	7.6	0.18	0.107	2.456	-1.494	0.615	11.4	-28.9	330.7	291.7	33.3	77.6	-111.1	135.5	349.6	0.50 0.00 0.00 % B750
014	21.9	0.329	0.147	2.299	-1.389	0.703	29.2	-23.2	371.3	321.6	53.9	161.3	-74.6	125.5	321.6	1.00 0.00 0.00 % Y000
015	40.5	0.441	0.236	1.841	-0.533	0.965	37.9	-46.2	356.6	349.0	89.2	-25.7	129.8	343.0	1.00 0.00 0.00 % Y500	
016	41.1	0.545	0.328	1.602	-0.153	0.72	29.2	7.3	30.1	14.2	70.7	74.4	121.7	81.1	24.3	1.00 0.00 0.00 % R500Y

CIEXYZ data of CIE test colours 9 (R): 21.4 11.3 28.8, 10 (G): 60.2 60.7 168.1, 11 (G): 15.8 -7.0 12.7, 12 (B): 5.9 -6.4 -5.5

5 step equidistant grey scale with intended luminance: $L^* = 0.0, 25.0, 50.0, 75.0, 100.0$

000	0.0	0.0	0.0	0.0	0.0	0.0	1.019	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00 % N000M
001	4.4	0.345	0.358	0.964	-0.329	0.61	0.0	0.0	70.4	25.0	0.0	0.0	0.0	0.25 25.25 0.25 % N250M	
002	18.4	0.345	0.358	0.964	-0.329	0.61	0.0	0.0	50.0	50.0	0.0	0.0	0.0	0.50 50.0 0.50 % N500M	
003	42.8	0.345	0.358	0.964	-0.329	0.61	0.0	0.0	17.2	75.0	0.0	0.0	0.0	0.75 75.0 0.75 % N750M	
004	100.0	0.345	0.358	0.964	-0.329	0.61	0.0	0.0	0.0	100.0	0.0	0.0	0.0	1.00 1.00 1.00 % N100M	

1-000000-L0

VE210-3N

TUB registration: 20130201-VE21/VE21L0N1.TXT /PS
application for measurement of display output

TUB registration: 20130201-VE21/VE21L0N1.TXT /PS
application for measurement of display output