vea archivos semejantes: http://130.149.60.45/~farbmetrik/TS09/TS09.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB material: 20130201-TS09/TS09L0N1.TXT /.PS
aplicación para la medida de display output
TUB material: code=ha4ta

rgb$_e$* and CIE data of a elementary hue circle according to CIE R1-47 for *Ostwald* colours

XYZ, xy, YAB,* and *Lab** data for relative spacing of elementary hue h_{ab} of *CIELAB

16 step elementary hue circle with intended elementary hues: h_{ab} = 25.4, 92.3, 162.2, 271.7 of CIELAB

	X	*Y*	*Z*	*x*	*y*	*A*	*B*	C_{AB}	h_{AB}	*L**	*a**	*b**	C^*_{ab}	h_{ab}	*rgb –> rgb*$_e$*
R00Y=R	66.0	41.1	20.9	0.515	0.321	26.9	9.5	28.5	19.5	70.9	33.4	78.4	**25.2**	**1.00**	**0.00 0.00**
R25Y	64.0	41.5	6.4	0.571	0.371	24.5	15.5	29.0	32.3	70.5	65.1	71.4	96.6	**47.6**	**1.00 0.25 0.00**
R50Y	62.6	41.7	1.0	0.593	0.395	22.8	17.7	28.9	37.8	70.7	61.2	106.3	122.7	**60.0**	**1.00 0.50 0.00**
R75Y	71.1	58.7	0.1	0.546	0.451	15.3	25.5	29.7	59.0	81.1	35.2	137.3	141.7	**75.6**	**1.00 0.75 0.00**
Y00G=Y	76.8	83.9	1.3	0.473	0.517	−2.9	36.0	36.1	94.7	93.4	−5.9	141.9	142.0	**92.3**	**1.00 1.00 0.00**
Y25G	65.9	89.6	6.7	0.389	0.536	−19.2	36.3	41.1	117.8	95.8	−39.4	113.6	120.3	**109.1**	**0.75 1.00 0.00**
Y50G	43.7	79.6	8.1	0.332	0.605	−31.9	31.4	44.7	135.4	91.5	−77.3	101.2	127.3	**127.3**	**0.50 1.00 0.00**
Y75G	26.4	67.7	12.4	0.247	0.635	−38.0	24.5	45.2	147.1	85.9	−113.0	87.6	137.7	**145.1**	**0.25 1.00 0.00**
G00B=G	21.8	61.8	31.6	0.189	0.536	−36.9	14.2	39.5	158.8	82.8	−119.5	57.9	125.4	**162.3**	**0.00 1.00 0.00**
G25B	27.8	58.9	81.5	0.165	0.349	−28.1	−6.9	28.9	193.9	81.2	−86.9	−13.9	88.0	**189.1**	**0.00 1.00 0.50**
G50B	25.6	45.4	108.0	0.142	0.252	−17.5	−23.7	29.5	233.5	73.1	−61.3	−46.1	76.7	**216.9**	**0.00 1.00 1.00**
G75B	20.2	29.3	108.4	0.691	−1.478	−7.6	−30.6	31.5	256.0	61.0	−33.4	−66.8	74.7	**243.4**	**0.00 0.50 1.00**
B00R=B	18.4	18.7	107.7	0.724	−2.970	6.5	−34.9	34.9	271.0	50.4	3.3	−84.8	84.9	**272.2**	**0.00 0.00 1.00**
B25R	18.0	8.8	105.2	0.136	0.067	9.5	−38.2	39.4	284.0	35.7	64.2	−108.5	126.1	**300.6**	**0.50 0.00 1.00**
B50R	61.7	26.3	99.4	0.329	0.14	36.7	−28.3	46.3	322.3	58.3	112.5	−65.8	130.3	**329.6**	**1.00 0.00 1.00**
B75R	71.2	40.6	51.0	0.437	0.249	32.5	−2.6	32.6	355.2	69.9	83.6	−7.1	83.9	**355.1**	**1.00 0.00 0.50**

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

N000W=N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.00 0.00 0.00**
N025W	4.1	4.4	4.8	0.312	0.329	0.0	0.0	77.5	**25.0**	0.0	0.0	0.0	0.0	**25.0**	**0.25 0.25 0.25**
N050W	17.5	18.4	20.0	0.312	0.329	0.0	0.0	55.3	**50.0**	0.0	0.0	0.0	0.0	**50.0**	**0.50 0.50 0.50**
N075W	45.8	48.2	52.5	0.312	0.329	0.0	0.0	21.0	**75.0**	0.0	0.0	0.0	0.0	**75.0**	**0.75 0.75 0.75**
N100W=W	95.0	100.0	108.8	0.312	0.329	0.0	0.0	0.0	**100.0**	0.0	0.0	0.0	0.0	**100.0**	**1.00 1.00 1.00**

TS090−3N Lab*, página 1/2

rgb$_e$* and CIE data of a elementary hue circle according to CIE R1-47 for *Ostwald* colours

XYZ, xy, YAB,* and *Lab** data for relative spacing of elementary hue h_{ab} of *CIELAB

16 step elementary hue circle with intended elementary hues: h_{ab} = 25.4, 92.3, 162.2, 271.7 of CIELAB

	X	*Y*	*Z*	*x*	*y*	*A*	*B*	C_{AB}	h_{AB}	*L**	*a**	*b**	C^*_{ab}	h_{ab}	*rgb –> rgb*$_e$*
R00Y=R	66.0	41.1	20.9	0.515	0.321	26.9	9.5	28.5	19.5	70.3	70.9	33.4	78.4	**25.2**	**1.00 0.00 0.00**
R25Y	64.0	41.5	6.4	0.571	0.371	24.5	15.5	29.0	32.3	70.5	65.1	71.4	96.6	**47.6**	**1.00 0.25 0.00**
R50Y	62.6	41.7	1.0	0.593	0.395	22.8	17.7	28.9	37.8	70.7	61.2	106.3	122.7	**60.0**	**1.00 0.50 0.00**
R75Y	71.1	58.7	0.1	0.546	0.451	15.3	25.5	29.7	59.0	81.1	35.2	137.3	141.7	**75.6**	**1.00 0.75 0.00**
Y00G=Y	76.8	83.9	1.3	0.473	0.517	−2.9	36.0	36.1	94.7	93.4	−5.9	141.9	142.0	**92.3**	**1.00 1.00 0.00**
Y25G	65.9	89.6	6.7	0.389	0.536	−19.2	36.3	41.1	117.8	95.8	−39.4	113.6	120.3	**109.1**	**0.75 1.00 0.00**
Y50G	43.7	79.6	8.1	0.549	−0.04	−31.9	31.4	44.7	135.4	91.5	−77.3	101.2	127.3	**127.3**	**0.50 1.00 0.00**
Y75G	26.4	67.7	12.4	0.389	−0.073	−38.0	24.5	45.2	147.1	85.9	−113.0	87.6	137.7	**145.1**	**0.25 1.00 0.00**
G00B=G	21.8	61.8	31.6	0.353	−0.204	−36.9	14.2	39.5	158.8	82.8	−119.5	57.9	125.4	**162.3**	**0.00 1.00 0.00**
G25B	27.8	58.9	81.5	0.473	−0.553	−28.1	−6.9	28.9	193.9	81.2	−86.9	−13.9	88.0	**189.1**	**0.00 1.00 0.50**
G50B	25.6	45.4	108.0	7.564	−0.957	−17.5	−23.7	29.5	233.5	73.1	−61.3	−46.1	76.7	**216.9**	**0.00 1.00 1.00**
G75B	20.2	29.3	108.4	0.691	−1.478	−7.6	−30.6	31.5	256.0	61.0	−33.4	−66.8	74.7	**243.4**	**0.00 0.50 1.00**
B00R=B	18.4	18.7	107.7	0.984	−2.297	0.6	−34.9	34.9	271.0	50.4	3.3	−84.8	84.9	**272.2**	**0.00 0.00 1.00**
B25R	18.0	8.8	105.2	2.031	−4.745	9.5	−38.2	39.4	284.0	35.7	64.2	−108.5	126.1	**300.6**	**0.50 0.00 1.00**
B50R	61.7	26.3	99.4	0.343	−1.509	36.7	−28.3	46.3	322.3	58.3	112.5	−65.8	130.3	**329.6**	**1.00 0.00 1.00**
B75R	71.2	40.6	51.0	1.75	−0.501	32.5	−2.6	32.6	355.2	69.9	83.6	−7.1	83.9	**355.1**	**1.00 0.00 0.50**

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

N000W=N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.00 0.00 0.00**
N025W	4.1	4.4	4.8	0.95	−0.435	0.0	0.0	77.5	**25.0**	0.0	0.0	0.0	0.0	**25.0**	**0.25 0.25 0.25**
N050W	17.5	18.4	20.0	0.95	−0.435	0.0	0.0	55.3	**50.0**	0.0	0.0	0.0	0.0	**50.0**	**0.50 0.50 0.50**
N075W	45.8	48.2	52.5	0.95	−0.435	0.0	0.0	21.0	**75.0**	0.0	0.0	0.0	0.0	**75.0**	**0.75 0.75 0.75**
N100W=W	95.0	100.0	108.8	0.95	−0.435	0.0	0.0	0.0	**100.0**	0.0	0.0	0.0	0.0	**100.0**	**1.00 1.00 1.00**

TS091−3N YAB, página 1/2

rgb$_e$* and CIE data of a elementary hue circle according to CIE R1-47 for *Ostwald* colours

XYZ, ab, YAB,* and *Lab** data for relative spacing of elementary hue h_{ab} of *CIELAB

16 step elementary hue circle with intended elementary hues: h_{ab} = 25.4, 92.3, 162.2, 271.7 of CIELAB

	X	*Y*	*Z*	*a*	*b*	*A*	*B*	C_{AB}	h_{AB}	*L**	*a**	*b**	C^*_{ab}	h_{ab}	*rgb –> rgb*$_e$*
R00Y=R	66.0	41.1	20.9	1.604	−0.202	26.9	9.5	28.5	19.5	70.3	70.9	33.4	78.4	**25.2**	**1.00 0.00 0.00**
R25Y	64.0	41.5	6.4	1.54	−0.061	24.5	15.5	29.0	32.3	70.5	65.1	71.4	96.6	**47.6**	**1.00 0.25 0.00**
R50Y	62.6	41.7	1.0	1.498	−0.01	22.8	17.7	28.9	37.8	70.7	61.2	106.3	122.7	**60.0**	**1.00 0.50 0.00**
R75Y	71.1	58.7	0.1	1.21	−0.001	15.3	25.5	29.7	59.0	81.1	35.2	137.3	141.7	**75.6**	**1.00 0.75 0.00**
Y00G=Y	76.8	83.9	1.3	0.915	−0.006	−2.9	36.0	36.1	94.7	93.4	−5.9	141.9	142.0	**92.3**	**1.00 1.00 0.00**
Y25G	65.9	89.6	6.7	0.735	−0.03	−19.2	36.3	41.1	117.8	95.8	−39.4	113.6	120.3	**109.1**	**0.75 1.00 0.00**
Y50G	43.7	79.6	8.1	0.549	−0.04	−31.9	31.4	44.7	135.4	91.5	−77.3	101.2	127.3	**127.3**	**0.50 1.00 0.00**
Y75G	26.4	67.7	12.4	0.389	−0.073	−38.0	24.5	45.2	147.1	85.9	−113.0	87.6	137.7	**145.1**	**0.25 1.00 0.00**
G00B=G	21.8	61.8	31.6	0.353	−0.204	−36.9	14.2	39.5	158.8	82.8	−119.5	57.9	125.4	**162.3**	**0.00 1.00 0.00**
G25B	27.8	58.9	81.5	0.473	−0.553	−28.1	−6.9	28.9	193.9	81.2	−86.9	−13.9	88.0	**189.1**	**0.00 1.00 0.50**
G50B	25.6	45.4	108.0	7.564	−0.957	−17.5	−23.7	29.5	233.5	73.1	−61.3	−46.1	76.7	**216.9**	**0.00 1.00 1.00**
G75B	20.2	29.3	108.4	0.691	−1.478	−7.6	−30.6	31.5	256.0	61.0	−33.4	−66.8	74.7	**243.4**	**0.00 0.50 1.00**
B00R=B	18.4	18.7	107.7	0.984	−2.297	0.6	−34.9	34.9	271.0	50.4	3.3	−84.8	84.9	**272.2**	**0.00 0.00 1.00**
B25R	18.0	8.8	105.2	2.031	−4.745	9.5	−38.2	39.4	284.0	35.7	64.2	−108.5	126.1	**300.6**	**0.50 0.00 1.00**
B50R	61.7	26.3	99.4	0.343	−1.509	36.7	−28.3	46.3	322.3	58.3	112.5	−65.8	130.3	**329.6**	**1.00 0.00 1.00**
B75R	71.2	40.6	51.0	1.75	−0.501	32.5	−2.6	32.6	355.2	69.9	83.6	−7.1	83.9	**355.1**	**1.00 0.00 0.50**

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

N000W=N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.00 0.00 0.00**
N025W	4.1	4.4	4.8	0.95	−0.435	0.0	0.0	77.5	**25.0**	0.0	0.0	0.0	0.0	**25.0**	**0.25 0.25 0.25**
N050W	17.5	18.4	20.0	0.95	−0.435	0.0	0.0	55.3	**50.0**	0.0	0.0	0.0	0.0	**50.0**	**0.50 0.50 0.50**
N075W	45.8	48.2	52.5	0.95	−0.435	0.0	0.0	21.0	**75.0**	0.0	0.0	0.0	0.0	**75.0**	**0.75 0.75 0.75**
N100W=W	95.0	100.0	108.8	0.95	−0.435	0.0	0.0	0.0	**100.0**	0.0	0.0	0.0	0.0	**100.0**	**1.00 1.00 1.00**

TS090−7N Lab*, página 2/2

rgb$_e$* and CIE data of a elementary hue circle according to CIE R1-47 for *Ostwald* colours

XYZ, ab, YAB,* and *Lab** data for relative spacing of elementary hue h_{ab} of *CIELAB

16 step elementary hue circle with intended elementary hues: h_{ab} = 25.4, 92.3, 162.2, 271.7 of CIELAB

	X	*Y*	*Z*	*a*	*b*	*A*	*B*	C_{AB}	h_{AB}	*L**	*a**	*b**	C^*_{ab}	h_{ab}	*rgb –> rgb*$_e$*
R00Y=R	66.0	41.1	20.9	1.604	−0.202	26.9	9.5	28.5	19.5	70.3	70.9	33.4	78.4	**25.2**	**1.00 0.00 0.00**
R25Y	64.0	41.5	6.4	1.54	−0.061	24.5	15.5	29.0	32.3	70.5	65.1	71.4	96.6	**47.6**	**1.00 0.25 0.00**
R50Y	62.6	41.7	1.0	1.498	−0.01	22.8	17.7	28.9	37.8	70.7	61.2	106.3	122.7	**60.0**	**1.00 0.50 0.00**
R75Y	71.1	58.7	0.1	1.21	−0.001	15.3	25.5	29.7	59.0	81.1	35.2	137.3	141.7	**75.6**	**1.00 0.75 0.00**
Y00G=Y	76.8	83.9	1.3	0.915	−0.006	−2.9	36.0	36.1	94.7	93.4	−5.9	141.9	142.0	**92.3**	**1.00 1.00 0.00**
Y25G	65.9	89.6	6.7	0.735	−0.03	−19.2	36.3	41.1	117.8	95.8	−39.4	113.6	120.3	**109.1**	**0.75 1.00 0.00**
Y50G	43.7	79.6	8.1	0.549	−0.04	−31.9	31.4	44.7	135.4	91.5	−77.3	101.2	127.3	**127.3**	**0.50 1.00 0.00**
Y75G	26.4	67.7	12.4	0.389	−0.073	−38.0	24.5	45.2	147.1	85.9	−113.0	87.6	137.7	**145.1**	**0.25 1.00 0.00**
G00B=G	21.8	61.8	31.6	0.353	−0.204	−36.9	14.2	39.5	158.8	82.8	−119.5	57.9	125.4	**162.3**	**0.00 1.00 0.00**
G25B	27.8	58.9	81.5	0.473	−0.553	−28.1	−6.9	28.9	193.9	81.2	−86.9	−13.9	88.0	**189.1**	**0.00 1.00 0.50**
G50B	25.6	45.4	108.0	7.564	−0.957	−17.5	−23.7	29.5	233.5	73.1	−61.3	−46.1	76.7	**216.9**	**0.00 1.00 1.00**
G75B	20.2	29.3	108.4	0.691	−1.478	−7.6	−30.6	31.5	256.0	61.0	−33.4	−66.8	74.7	**243.4**	**0.00 0.50 1.00**
B00R=B	18.4	18.7	107.7	0.984	−2.297	0.6	−34.9	34.9	271.0	50.4	3.3	−84.8	84.9	**272.2**	**0.00 0.00 1.00**
B25R	18.0	8.8	105.2	2.031	−4.745	9.5	−38.2	39.4	284.0	35.7	64.2	−108.5	126.1	**300.6**	**0.50 0.00 1.00**
B50R	61.7	26.3	99.4	0.343	−1.509	36.7	−28.3	46.3	322.3	58.3	112.5	−65.8	130.3	**329.6**	**1.00 0.00 1.00**
B75R	71.2	40.6	51.0	1.75	−0.501	32.5	−2.6	32.6	355.2	69.9	83.6	−7.1	83.9	**355.1**	**1.00 0.00 0.50**

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

N000W=N	0.0	0.0	0.0	0.0	0.0	0.0	0.0	**0.0**	0.0	0.0	0.0	0.0	0.0	**0.0**	**0.00 0.00 0.00**
N025W	4.1	4.4	4.8	0.95	−0.435	0.0	0.0	77.5	**25.0**	0.0	0.0	0.0	0.0	**25.0**	**0.25 0.25 0.25**
N050W	17.5	18.4	20.0	0.95	−0.435	0.0	0.0	55.3	**50.0**	0.0	0.0	0.0	0.0	**50.0**	**0.50 0.50 0.50**
N075W	45.8	48.2	52.5	0.95	−0.435	0.0	0.0	21.0	**75.0**	0.0	0.0	0.0	0.0	**75.0**	**0.75 0.75 0.75**
N100W=W	95.0	100.0	108.8	0.95	−0.435	0.0	0.0	0.0	**100.0**	0.0	0.0	0.0	0.0	**100.0**	**1.00 1.00 1.00**

TS091−7N YAB, página 2/2