rgb −> rgb*d

rgb	−>	rgb*d			$h_{ab,a}$	L*	a*a	b*a	rgb	−>	rgb*d			$h_{ab,a}$	L*	a*a	b*a	rgb	−>	rgb*d			$h_{ab,a}$	L*	a*a	b*a
0	404	561	483	589	149.3	84	−118	70	8	485	595	548	548	212.8	75	−64	−41	16	544	544	579	479	303.5	33	74	−112
1	434	562	486	610	155.0	83	−123	57	9	490	490	565	459	217.7	72	−60	−46	17	549	549	582	480	307.2	29	89	−117
2	450	563	496	496	163.8	82	−118	34	10	495	495	566	462	223.9	69	−54	−52	18	554	554	584	481	326.2	53	112	−75
3	460	565	505	505	164.5	82	−120	33	11	500	500	567	464	231.5	65	−46	−58	19	560	560	589	483	331.3	61	107	−59
4	464	567	506	506	174.0	81	−109	11	12	510	510	569	469	251.5	58	−23	−72	20	561	404	589	483	334.1	65	102	−49
5	470	569	520	520	193.2	81	−81	−19	13	519	519	570	471	274.4	49	6	−86	21	562	434	610	486	336.5	67	99	−42
6	475	573	528	528	205.7	80	−67	−32	14	529	529	573	475	284.3	45	23	−93	22	563	450	496	496	341.7	68	94	−31
7	480	580	537	537	205.6	81	−66	−32	15	539	539	577	478	298.7	37	58	−106	23	565	460	505	505	342.3	69	92	−29

rgb	−>	rgb*d			$h_{ab,a}$	L*	a*a	b*a	rgb	−>	rgb*d			$h_{ab,a}$	L*	a*a	b*a	rgb	−>	rgb*d			$h_{ab,a}$	L*	a*a	b*a
24	567	464	506	506	351.6	69	85	−12	32	510	510	469	569	85.7	88	10	144	40	404	561	483	589	149.3	84	−118	70
25	569	470	520	520	26.2	70	70	34	33	519	519	471	570	91.0	92	−2	142	41	434	562	486	610	155.0	83	−123	57
26	573	475	528	528	61.0	70	60	110	34	529	529	475	573	93.3	94	−8	140	42	450	563	496	496	163.8	82	−118	34
27	580	480	537	537	62.8	70	61	120	35	539	539	478	577	97.5	96	−17	131	43	460	565	505	505	164.5	82	−120	33
28	595	485	548	548	69.7	76	47	130	36	544	544	479	579	99.3	96	−20	125	44	464	567	506	506	174.0	81	−109	11
29	490	490	459	565	73.2	79	40	134	37	549	549	480	582	101.0	97	−23	119	45	470	569	520	520	193.2	81	−81	−19
30	495	495	462	566	76.5	81	33	138	38	554	554	481	584	128.8	91	−80	100	46	475	573	528	528	205.7	80	−67	−32
31	500	500	464	567	79.7	84	25	141	39	560	560	483	589	141.8	86	−107	84	47	480	580	537	537	141.8	86	−107	84

RYGB*ton**, 25.4, 92.3, 162.2, 271.7 ***RYGB*all:** 25.4 42.1 58.8 75.6 92.3 109.7 127.2 144.7 162.2 189.6 216.9 244.3 271.7 300.1 328.6 357.0 ***LAB*Nio: 0.0, 0.0, 0.0 ***LAB*Wio:*** 100.0, 0.0, 0.0

25.4	42.1	58.8	75.6	92.3	109.7	127.2	144.7	162.2	189.6	216.9	244.3	271.7	300.1	328.6	357.0
24 0	25 0	25 0	29 0	33 0	37 0	37 0	39 0	1 0	4 0	8 0	11 0	12 0	15 0	18 0	24 0
342.3 351.6	351.6 26.2	351.6 26.2	69.7 73.2	85.7 91.0	99.3 101.0	99.3 101.0	128.8 141.8	149.3 155.0	164.5 174.0	205.6 212.8	223.9 231.5	231.5 251.5	284.3 298.7	307.2 326.2	342.3 351.6
26.2 61.0	61.0 62.8	61.0 62.8	76.5 79.7	93.3 97.5	128.8 141.8	128.8 141.8	149.3 155.0	163.8 164.5	193.2 205.7	217.7 223.9	251.5 274.4	274.4 284.3	303.5 307.2	331.3 334.1	26.2 61.0
0.977	0.457	0.938	0.714	0.551	0.315	0.943	0.386	0.82	0.811	0.839	0.639	0.88	0.291	0.462	0.156
69.2 69.8	69.8 70.3	69.8 70.3	76.3 79.2	88.9 92.5	96.9 97.5	96.9 97.5	91.1 86.9	84.6 83.3	82.0 81.5	81.2 75.8	69.3 65.8	65.8 58.0	45.2 37.0	29.9 53.2	69.2 69.8
70.3 70.7	70.7 70.1	70.7 70.1	81.9 84.4	94.0 96.1	91.1 86.9	91.1 86.9	84.6 83.3	82.7 82.0	81.1 80.8	72.7 69.3	58.0 49.5	49.5 45.2	33.3 29.9	61.6 65.5	70.3 70.7
92.8 85.8	85.8 70.5	85.8 70.5	47.9 40.5	10.7 −2.5	−20.6 −23.1	−20.6 −23.1	−80.5 −107.2	−118.7 −123.4	−120.7 −109.0	−66.9 −64.5	−54.6 −46.7	−46.7 −23.9	23.9 58.4	89.0 112.9	92.8 85.8
70.5 60.8	60.8 61.6	60.8 61.6	33.0 25.5	−8.2 −17.3	−80.5 −107.2	−80.5 −107.2	−118.7 −123.4	−118.7 −120.7	−81.8 −67.5	−60.5 −54.6	−23.9 6.7	6.7 23.9	74.4 89.0	107.9 102.8	70.5 60.8
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	0.0 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 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 0.0	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	0.0 0.0	0.0 0.0	0.0 0.0

$h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7

00	149.3	84.6	−118.7	70.3
01	155.0	83.3	−123.4	57.5
02	163.8	82.7	−118.7	34.5
03	164.5	82.0	−120.7	33.2
04	174.0	81.5	−109.0	11.4
05	193.2	81.1	−81.8	−19.2
06	205.7	80.8	−67.5	−32.5
07	205.6	81.2	−66.9	−32.2
08	212.8	75.8	−64.5	−41.6
09	217.7	72.7	−60.5	−46.9
10	223.9	69.3	−54.6	−52.6
11	231.5	65.8	−46.7	−58.7
12	251.5	58.0	−23.9	−72.0
13	274.4	49.5	6.7	−86.3
14	284.3	45.2	23.9	−93.3
15	298.7	37.0	58.4	−106.4
16	303.5	33.3	74.4	−112.0
17	307.2	29.9	89.0	−117.0
18	326.2	53.2	112.9	−75.4
19	331.3	61.6	107.9	−59.0
20	334.1	65.5	102.8	−49.8
21	336.5	67.4	99.2	−42.9
22	341.7	68.2	94.8	−31.2
23	342.3	69.2	92.8	−29.5
24	351.6	69.8	85.8	−12.6
25	26.2	70.3	70.5	34.8
26	61.0	70.7	60.8	110.0
27	62.8	70.1	61.6	120.1
28	69.7	76.3	47.9	130.1
29	73.2	79.2	40.5	134.5
30	76.5	81.9	33.0	138.3
31	79.7	84.4	25.5	141.4
32	85.7	88.9	10.7	144.3
33	91.0	92.5	−2.5	142.9
34	93.3	94.0	−8.2	140.1
35	97.5	96.1	−17.3	131.1
36	99.3	96.9	−20.6	125.4
37	101.0	97.5	−23.1	119.0
38	128.8	91.1	−80.5	100.0
39	141.8	86.9	−107.2	84.2
40	149.3	84.6	−118.7	70.3
41	155.0	83.3	−123.4	57.5
42	163.8	82.7	−118.7	34.5
43	164.5	82.0	−120.7	33.2
44	174.0	81.5	−109.0	11.4
45	193.2	81.1	−81.8	−19.2
46	205.7	80.8	−67.5	−32.5
47	141.8	86.9	−107.2	84.2

L* = 0.0, 25.0, 50.0, 75.0, 100.0

1	155.0	149.3	155.0	163.8	164.5	357.0
2	163.8	155.0	163.8	164.5	174.0	357.0
3	164.5	163.8	164.5	174.0	193.2	357.0
4	174.0	164.5	174.0	193.2	205.7	357.0
5	193.2	174.0	193.2	205.7	205.6	357.0
6	205.7	193.2	205.7	205.6	212.8	357.0
7	205.6	205.7	205.6	212.8	217.7	357.0
8	212.8	205.6	212.8	217.7	223.9	357.0
9	217.7	212.8	217.7	223.9	231.5	357.0
10	223.9	217.7	223.9	231.5	251.5	357.0
11	231.5	223.9	231.5	251.5	274.4	357.0
12	251.5	231.5	251.5	274.4	284.3	357.0
13	274.4	251.5	274.4	284.3	298.7	357.0
14	284.3	274.4	284.3	298.7	303.5	357.0
15	298.7	284.3	298.7	303.5	307.2	357.0
16	303.5	298.7	303.5	307.2	326.2	357.0
17	307.2	303.5	307.2	326.2	331.3	357.0
18	326.2	307.2	326.2	331.3	334.1	357.0
19	331.3	326.2	331.3	334.1	336.5	357.0
20	334.1	331.3	334.1	336.5	341.7	357.0
21	336.5	334.1	336.5	341.7	342.3	357.0
22	341.7	336.5	341.7	342.3	351.6	357.0
23	342.3	341.7	342.3	351.6	26.2	357.0
24	351.6	342.3	351.6	26.2	61.0	357.0
25	26.2	351.6	26.2	61.0	62.8	357.0
26	61.0	26.2	61.0	62.8	69.7	357.0
27	62.8	61.0	62.8	69.7	73.2	357.0
28	69.7	62.8	69.7	73.2	76.5	357.0
29	73.2	69.7	73.2	76.5	79.7	357.0
30	76.5	73.2	76.5	79.7	85.7	357.0
31	79.7	76.5	79.7	85.7	91.0	357.0
32	85.7	79.7	85.7	91.0	93.3	357.0
33	91.0	85.7	91.0	93.3	97.5	357.0
34	93.3	91.0	93.3	97.5	99.3	357.0
35	97.5	93.3	97.5	99.3	101.0	357.0
36	99.3	97.5	99.3	101.0	128.8	357.0
37	101.0	99.3	101.0	128.8	141.8	357.0
38	128.8	101.0	128.8	141.8	149.3	357.0
39	141.8	128.8	141.8	149.3	155.0	357.0

24 351.6 342.3 351.6 26.2 61.0 357.0

X	Y	Z	x	y	h_{AB}	L*	a*	b*	L*a	a*a	b*a	C*ab,a	$h_{ab,a}$	rgb −> rgb*e
66.0	41.1	44.8	0.434	0.27	70.3	70.9	0.0	70.3	70.9	0.0	70.9	**0.0**		**1.00 0.00 0.00**
64.0	41.5	45.2	0.424	0.275	70.5	65.1	0.0	70.5	65.1	0.0	65.1	**0.0**		**1.00 0.25 0.00**
62.6	41.7	45.5	0.417	0.278	70.7	61.2	0.0	70.7	61.2	0.0	61.2	**0.0**		**1.00 0.50 0.00**
71.1	58.7	63.9	0.366	0.303	81.1	35.2	0.0	81.1	35.2	0.0	35.2	**0.0**		**1.00 0.75 0.00**
76.8	83.9	91.4	0.304	0.332	93.4	−5.9	0.0	93.4	−5.9	0.0	5.9	**179.9**		**1.00 1.00 0.00**
65.9	89.6	97.5	0.26	0.354	95.8	−39.4	0.0	95.8	−39.4	0.0	39.4	**179.9**		**0.75 1.00 0.00**
43.7	79.6	86.6	0.208	0.379	91.5	−77.3	0.0	91.5	−77.3	0.0	77.3	**179.9**		**0.50 1.00 0.00**
26.4	67.7	73.8	0.157	0.403	85.9	−113.0	0.0	85.9	−113.0	0.0	113.0	**179.9**		**0.25 1.00 0.00**
21.8	61.8	67.3	0.144	0.409	82.8	−119.5	0.0	82.8	−119.5	0.0	119.5	**179.9**		**0.00 1.00 0.00**
27.8	58.9	64.1	0.184	0.39	81.2	−86.9	0.0	81.2	−86.9	0.0	86.9	**179.9**		**0.00 1.00 0.50**
25.6	45.4	49.4	0.212	0.376	73.1	−61.3	0.0	73.1	−61.3	0.0	61.3	**179.9**		**0.00 1.00 1.00**
20.2	29.3	31.9	0.248	0.359	61.0	−33.4	0.0	61.0	−33.4	0.0	33.4	**179.9**		**0.00 0.50 1.00**
18.4	18.7	20.4	0.32	0.325	50.4	3.3	0.0	50.4	3.3	0.0	3.3	**0.0**		**0.00 0.00 1.00**
18.0	8.8	9.6	0.493	0.242	35.7	64.2	0.0	35.7	64.2	0.0	64.2	**0.0**		**0.50 0.00 1.00**
61.7	26.3	28.6	0.528	0.225	58.3	112.5	0.0	58.3	112.5	0.0	112.5	**0.0**		**1.00 0.00 1.00**
71.2	40.6	44.3	0.455	0.26	69.9	83.6	0.0	69.9	83.6	0.0	83.6	**0.0**		**1.00 0.00 0.50**
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**
4.1	4.4	4.8	0.312	0.329		25.0	0.0	0.0	25.0	0.0	0.0	0.0	**0.0**	**0.25 0.25 0.25**
17.5	18.4	20.0	0.312	0.329		50.0	0.0	0.0	50.0	0.0	0.0	0.0	**0.0**	**0.50 0.50 0.50**
45.8	48.2	52.5	0.312	0.329		75.0	0.0	0.0	75.0	0.0	0.0	0.0	**0.0**	**0.75 0.75 0.75**
95.0	100.0	108.8	0.312	0.329		100.0	0.0	0.0	100.0	0.0	0.0	0.0	**0.0**	**1.00 1.00 1.00**

vea archivos semejantes: http://130.149.60.45/~farbmetrik/TS08/TS08.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-TS08/TS08L0NA.TXT /.PS
aplicación para la medida de display output

TUB material: code=rha4ta

TS080−7N YAB1/2

gráfico TUB-TS08; *Ostwald* colours, test calculation
*YABCh, LabCh** data of elementary hue circle and greys

entrada: *w/rgb/cmyk −> w/rgb/cmyk*
salida: ningún cambio

http://130.149.60.45/~farbmetrik/TS08/TS08L0NA.TXT /.PS; salida de transferencia
N: ninguna 3D-linealización (OL) en archivo (F) o PS-startup (S), página 2/2

vea archivos semejantes: http://130.149.60.45/~farbmetrik/TS08/TS08.HTM
información técnica: http://www.ps.bam.de o http://130.149.60.45/~farbmetrik

TUB matrícula: 20130201-TS08/TS08L0NA.TXT /.PS
aplicación para la medida de display output, ninguna separación

rgb −> rgb*$_d$

No	***rgb −> rgb*$_d$***	***h$_{ab,a}$ L****	***a*$_a$***	***b*$_a$***
0	404 561 483 589	149.384	−118	70
1	434 562 486 610	155.083	−123	57
2	450 563 496 496	163.882	−118	34
3	460 565 505 505	164.582	−120	33
4	464 567 506 506	174.081	−109	11
5	470 569 520 520	193.281	−81	−19
6	475 573 528 528	205.780	−67	−32
7	480 580 537 537	205.681	−66	−32
8	485 595 548 548	212.875	−64	−41
9	490 490 565 459	217.772	−60	−46
10	495 495 566 462	223.969	−54	−52
11	500 500 567 464	231.565	−46	−58
12	510 510 569 469	251.558	−23	−72
13	519 519 570 471	274.449	6	−86
14	529 529 573 475	284.345	23	−93
15	539 539 577 478	298.737	58	−106
16	544 544 579 479	303.533	74	−112
17	549 549 582 480	307.229	89	−117
18	554 554 584 481	326.253	112	−75
19	560 560 589 483	331.361	107	−59
20	561 404 589 483	334.165	102	−49
21	562 434 610 486	336.567	99	−42
22	563 450 496 496	341.768	94	−31
23	565 460 505 505	342.369	92	−29
24	567 464 506 506	351.669	85	−12
25	569 470 520 520	26.2 70	70	34
26	573 475 528 528	61.0 70	60	110
27	580 480 537 537	62.8 70	61	120
28	595 485 548 548	69.7 76	47	130
29	490 490 459 565	73.2 79	40	134
30	495 495 462 566	76.5 81	33	138
31	500 500 464 567	79.7 84	25	141
32	510 510 469 569	85.7 88	10	144
33	519 519 471 570	91.0 92	−2	142
34	529 529 475 573	93.3 94	−8	140
35	539 539 478 577	97.5 96	−17	131
36	544 544 479 579	99.3 96	−20	125
37	549 549 480 582	101.097	−23	119
38	554 554 481 584	128.891	−80	100
39	560 560 483 589	141.886	−107	84
40	404 561 483 589	149.384	−118	70
41	434 562 486 610	155.083	−123	57
42	450 563 496 496	163.882	−118	34
43	460 565 505 505	164.582	−120	33
44	464 567 506 506	174.081	−109	11
45	470 569 520 520	193.281	−81	−19
46	475 573 528 528	205.780	−67	−32
47	480 580 537 537	141.886	−107	84

RYGB*$_{ton}$**, 25.4, 92.3, 162.2, 271.7 ***RYGB*$_{all}$:** 25.4 42.1 58.8 75.6 92.3 109.7 127.2 144.7 162.2 189.6 216.9 244.3 271.7 300.1 328.6 357.0 ***LAB*Nio: 0.0, 0.0, 0.0 ***LAB*Wio:*** 100.0, 0.0, 0.0

25.4	42.1	58.8	75.6	92.3	109.7	127.2	144.7	162.2	189.6	216.9	244.3	271.7	300.1	328.6	357.0
24 0	25 0	25 0	29 0	33 0	37 0	37 0	39 0	1 0	4 0	8 0	11 0	12 0	15 0	18 0	24 0
342.3 351.6	351.6 26.2	351.6 26.2	69.7 73.2	85.7 91.0	99.3 101.0	99.3 101.0	128.8 141.8	149.3 155.0	164.5 174.0	205.6 212.8	223.9 231.5	231.5 251.5	284.3 298.7	307.2 326.2	342.3 351.6
26.2 61.0	61.0 62.8	61.0 62.8	76.5 79.7	93.3 97.5	128.8 141.8	128.8 141.8	149.3 155.0	163.8 164.5	193.2 205.7	217.7 223.9	251.5 274.4	274.4 284.3	303.5 307.2	331.3 334.1	26.2 61.0
0.977	0.457	0.938	0.714	0.551	0.315	0.943	0.386	0.82	0.811	0.839	0.639	0.88	0.291	0.462	0.156
69.2 69.8	69.8 70.3	69.8 70.3	76.3 79.2	88.9 92.5	96.9 97.5	96.9 97.5	91.1 86.9	84.6 83.3	82.0 81.5	81.2 75.8	69.3 65.8	65.8 58.0	45.2 37.0	29.9 53.2	69.2 69.8
70.3 70.7	70.7 70.1	70.7 70.1	81.9 84.4	94.0 96.1	91.1 86.9	91.1 86.9	84.6 83.3	82.7 82.0	81.1 80.8	72.7 69.3	58.0 49.5	49.5 45.2	33.3 29.9	61.6 65.5	70.3 70.7
92.8 85.8	85.8 70.5	85.8 70.5	47.9 40.5	10.7 −2.5	−20.6 −23.1	−20.6 −23.1	−80.5 −107.2	−118.7 −123.4	−120.7 −109.0	−66.9 −64.5	−54.6 −46.7	−46.7 −23.9	23.9 58.4	89.0 112.9	92.8 85.8
70.5 60.8	60.8 61.6	60.8 61.6	33.0 25.5	−8.2 −17.3	−80.5 −107.2	−80.5 −107.2	−118.7 −123.4	−118.7 −120.7	−81.8 −67.5	−60.5 −54.6	−23.9 6.7	6.7 23.9	74.4 89.0	107.9 102.8	70.5 60.8
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	0.0 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 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 0.0	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	0.0 0.0	0.0 0.0

$h_{ab,a}$ = 25.4, 92.3, 162.2, 271.7

00	149.3	84.6	−118.7	70.3
01	155.0	83.3	−123.4	57.5
02	163.8	82.7	−118.7	34.5
03	164.5	82.0	−120.7	33.2
04	174.0	81.5	−109.0	11.4
05	193.2	81.1	−81.8	−19.2
06	205.7	80.8	−67.5	−32.5
07	205.6	81.2	−66.9	−32.2
08	212.8	75.8	−64.5	−41.6
09	217.7	72.7	−60.5	−46.9
10	223.9	69.3	−54.6	−52.6
11	231.5	65.8	−46.7	−58.7
12	251.5	58.0	−23.9	−72.0
13	274.4	49.5	6.7	−86.3
14	284.3	45.2	23.9	−93.3
15	298.7	37.0	58.4	−106.4
16	303.5	33.3	74.4	−112.0
17	307.2	29.9	89.0	−117.0
18	326.2	53.2	112.9	−75.4
19	331.3	61.6	107.9	−59.0
20	334.1	65.5	102.8	−49.8
21	336.5	67.4	99.2	−42.9
22	341.7	68.2	94.8	−31.2
23	342.3	69.2	92.8	−29.5
24	351.6	69.8	85.8	−12.6
25	26.2	70.3	70.5	34.8
26	61.0	70.7	60.8	110.0
27	62.8	70.1	61.6	120.1
28	69.7	76.3	47.9	130.1
29	73.2	79.2	40.5	134.5
30	76.5	81.9	33.0	138.3
31	79.7	84.4	25.5	141.4
32	85.7	88.9	10.7	144.3
33	91.0	92.5	−2.5	142.9
34	93.3	94.0	−8.2	140.1
35	97.5	96.1	−17.3	131.1
36	99.3	96.9	−20.6	125.4
37	101.0	97.5	−23.1	119.0
38	128.8	91.1	−80.5	100.0
39	141.8	86.9	−107.2	84.2
40	149.3	84.6	−118.7	70.3
41	155.0	83.3	−123.4	57.5
42	163.8	82.7	−118.7	34.5
43	164.5	82.0	−120.7	33.2
44	174.0	81.5	−109.0	11.4
45	193.2	81.1	−81.8	−19.2
46	205.7	80.8	−67.5	−32.5
47	141.8	86.9	−107.2	84.2

L^* = 0.0, 25.0, 50.0, 75.0, 100.0

1	155.0	149.3	155.0	163.8	164.5	357.0
2	163.8	155.0	163.8	164.5	174.0	357.0
3	164.5	163.8	164.5	174.0	193.2	357.0
4	174.0	164.5	174.0	193.2	205.7	357.0
5	193.2	174.0	193.2	205.7	205.6	357.0
6	205.7	193.2	205.7	205.6	212.8	357.0
7	205.6	205.7	205.6	212.8	217.7	357.0
8	212.8	205.6	212.8	217.7	223.9	357.0
9	217.7	212.8	217.7	223.9	231.5	357.0
10	223.9	217.7	223.9	231.5	251.5	357.0
11	231.5	223.9	231.5	251.5	274.4	357.0
12	251.5	231.5	251.5	274.4	284.3	357.0
13	274.4	251.5	274.4	284.3	298.7	357.0
14	284.3	274.4	284.3	298.7	303.5	357.0
15	298.7	284.3	298.7	303.5	307.2	357.0
16	303.5	298.7	303.5	307.2	326.2	357.0
17	307.2	303.5	307.2	326.2	331.3	357.0
18	326.2	307.2	326.2	331.3	334.1	357.0
19	331.3	326.2	331.3	334.1	336.5	357.0
20	334.1	331.3	334.1	336.5	341.7	357.0
21	336.5	334.1	336.5	341.7	342.3	357.0
22	341.7	336.5	341.7	342.3	351.6	357.0
23	342.3	341.7	342.3	351.6	26.2	357.0
24	351.6	342.3	351.6	26.2	61.0	357.0
25	26.2	351.6	26.2	61.0	62.8	357.0
26	61.0	26.2	61.0	62.8	69.7	357.0
27	62.8	61.0	62.8	69.7	73.2	357.0
28	69.7	62.8	69.7	73.2	76.5	357.0
29	73.2	69.7	73.2	76.5	79.7	357.0
30	76.5	73.2	76.5	79.7	85.7	357.0
31	79.7	76.5	79.7	85.7	91.0	357.0
32	85.7	79.7	85.7	91.0	93.3	357.0
33	91.0	85.7	91.0	93.3	97.5	357.0
34	93.3	91.0	93.3	97.5	99.3	357.0
35	97.5	93.3	97.5	99.3	101.0	357.0
36	99.3	97.5	99.3	101.0	128.8	357.0
37	101.0	99.3	101.0	128.8	141.8	357.0
38	128.8	101.0	128.8	141.8	149.3	357.0
39	141.8	128.8	141.8	149.3	155.0	357.0

24 351.6 342.3 351.6 26.2 61.0 357.0

X	***Y***	***Z***	***a***	***b***	***A***	***B***	***C$_{AB}$***	***h$_{AB}$***	***L*$_a$***	***a*$_a$***	***b*$_a$***	***C*$_{ab,a}$***	***h$_{ab,a}$***	***rgb −> rgb*$_e$***
66.0	41.1	44.8	0.434	0.27	41.1		[illegible]	70.3	70.9	0.0	70.9	**0.0**		**1.00 0.00 0.00**
64.0	41.5	45.2	0.424	0.275	41.5		[illegible]	70.5	65.1	0.0	65.1	**0.0**		**1.00 0.25 0.00**
62.6	41.7	45.5	0.417	0.278	41.7		[illegible]	70.7	61.2	0.0	61.2	**0.0**		**1.00 0.50 0.00**
71.1	58.7	63.9	0.366	0.303	58.7		[illegible]	81.1	35.2	0.0	35.2	**0.0**		**1.00 0.75 0.00**
76.8	83.9	91.4	0.304	0.332	83.9		[illegible]	93.4	−5.9	0.0	5.9	**179.9**		**1.00 1.00 0.00**
65.9	89.6	97.5	0.26	0.354	89.6		[illegible]	95.8	−39.4	0.0	39.4	**179.9**		**0.75 1.00 0.00**
43.7	79.6	86.6	0.208	0.379	79.6		[illegible]	91.5	−77.3	0.0	77.3	**179.9**		**0.50 1.00 0.00**
26.4	67.7	73.8	0.157	0.403	67.7		[illegible]	85.9	−113.0	0.0	113.0	**179.9**		**0.25 1.00 0.00**
21.8	61.8	67.3	0.144	0.409	61.8		[illegible]	82.8	−119.5	0.0	119.5	**179.9**		**0.00 1.00 0.00**
27.8	58.9	64.1	0.184	0.39	58.9		[illegible]	81.2	−86.9	0.0	86.9	**179.9**		**0.00 1.00 0.50**
25.6	45.4	49.4	0.212	0.376	45.4		[illegible]	73.1	−61.3	0.0	61.3	**179.9**		**0.00 1.00 1.00**
20.2	29.3	31.9	0.248	0.359	29.3		[illegible]	61.0	−33.4	0.0	33.4	**179.9**		**0.00 0.50 1.00**
18.4	18.7	20.4	0.32	0.325	18.7		[illegible]	50.4	3.3	0.0	3.3	**0.0**		**0.00 0.00 1.00**
18.0	8.8	9.6	0.493	0.242	8.8		[illegible]	35.7	64.2	0.0	64.2	**0.0**		**0.50 0.00 1.00**
61.7	26.3	28.6	0.528	0.225	26.3		[illegible]	58.3	112.5	0.0	112.5	**0.0**		**1.00 0.00 1.00**
71.2	40.6	44.3	0.455	0.26	40.6		[illegible]	69.9	83.6	0.0	83.6	**0.0**		**1.00 0.00 0.50**
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**
4.1	4.4	4.8	0.95	−0.435	0.0	0.0	0.0	77.5	25.0	0.0	0.0	0.0	**0.0**	**0.25 0.25 0.25**
17.5	18.4	20.0	0.95	−0.435	0.0	0.0	0.0	55.3	50.0	0.0	0.0	0.0	**0.0**	**0.50 0.50 0.50**
45.8	48.2	52.5	0.95	−0.435	0.0	0.0	0.0	21.0	75.0	0.0	0.0	0.0	**0.0**	**0.75 0.75 0.75**
95.0	100.0	108.8	0.95	−0.435	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	**0.0**	**1.00 1.00 1.00**

TUB material: code=rha4ta

TS080−7 YAB1/2

gráfico TUB-TS08; *Ostwald* colours, test calculation
YABCh, *LabCh** data of elementary hue circle and greys

entrada: *w/rgb/cmyk* −> rgb_d
salida: transfiera a rgb_d

2−000130−F0