

For similar files: <http://130.149.60.45/~farbmatrik/TE29/TE29.HTM>
 technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmatrik>

i ₁	λ ₁	i ₂	λ ₂	X ₁₀₀	Y ₁₀₀	Z ₁₀₀	x	y	z	p _{xy}	lq ₁	ld ₁	lc ₁	λ _c	Cod.
6	405	32	561	32.57	58.2	108.12	0.1637	0.2926	0.5436	193.7	16	483	37	589	Cm
6	435	32	562	29.09	58.79	88.73	0.1647	0.3328	0.5023	178.4	17	486	42	610	
10	450	32	563	22.93	59.41	52.37	0.1702	0.441	0.3887	144.1	19	496	-1	496c	
12	460	33	565	20.08	60.32	34.02	0.1812	0.5234	0.2952	124.0	21	505	-1	505c	
12	465	33	567	21.95	61.66	34.03	0.1866	0.5241	0.2892	122.8	21	506	-1	506c	
14	470	33	569	21.47	62.72	19.98	0.206	0.602	0.1918	111.3	24	520	-1	520c	Gm
15	475	34	573	23.76	65.29	14.91	0.2285	0.6279	0.1434	105.6	25	528	-1	528c	Gm
16	480	36	580	29.00	69.95	11.05	0.2636	0.6358	0.1005	99.0	27	537	-1	537c	
17	485	39	595	42.11	78.75	8.23	0.3261	0.6099	0.0638	87.2	29	548	-1	548c	
18	490	-1	490c	77.09	93.8	6.13	0.4354	0.5298	0.0346	58.5	33	565	11	459	ma
19	495	-1	495c	77.04	92.3	4.52	0.4431	0.5308	0.026	57.1	33	566	12	462	
20	500	-1	500c	77.02	90.42	3.27	0.4511	0.5296	0.0191	55.3	33	567	12	464	
22	510	-1	510c	76.89	85.27	1.63	0.4694	0.5205	0.01	50.7	33	569	13	469	
23	520	-1	519c	76.68	81.98	1.16	0.4797	0.513	0.0072	47.7	34	570	14	471	Yn
25	530	-1	529c	75.53	74.04	0.57	0.503	0.4931	0.0038	40.7	34	573	15	475	
27	540	-1	539c	73.26	64.9	0.26	0.5292	0.4688	0.0019	32.8	35	577	15	478	
28	545	-1	544c	71.66	60.13	0.18	0.5429	0.4556	0.0014	28	35	579	15	479	
29	550	-1	549c	69.7	55.26	0.13	0.5571	0.4477	0.001	24.7	36	582	16	480	
30	555	-1	554c	67.4	50.4	0.09	0.5716	0.4274	0.0008	20.8	36	584	16	481	
32	560	-1	560c	61.78	41.0	0.05	0.6007	0.3987	0.0005	13.6	37	589	16	483	
32	561	0	405	62.46	41.79	0.76	0.5948	0.3979	0.0072	13.7	37	589	16	483	Rm
32	562	6	435	65.95	41.2	20.15	0.518	0.3236	0.1583	358.4	42	610	17	486	
32	563	10	450	72.11	40.58	56.51	0.4261	0.2398	0.3339	321.8	-1	496c	19	496	
33	565	12	460	74.16	39.67	74.86	0.393	0.2102	0.3967	304.0	-1	505c	21	505	
33	567	12	465	73.08	38.33	74.86	0.3923	0.2057	0.4018	302.9	-1	506c	21	506	
33	569	14	470	73.57	37.27	88.9	0.3683	0.1965	0.445	291.3	-1	520c	24	520	
34	573	15	475	71.27	34.7	93.97	0.3564	0.1735	0.4699	285.7	-1	548c	25	548	Mn
36	580	16	480	66.03	30.04	97.83	0.3405	0.1549	0.5045	279.1	-1	537c	27	537	
39	595</														

XYZ=34.1998, 68.59, 95.46
 $A = (a - a_1) Y$
 $B = (b - b_1) Y$
 $a = a_2 [w]$
 $b = b_2 [w]$
 $a_1 = 1$
 $b_1 = -0.4$
 $w = D65$
 L*a*b*ab 85
 Name and spectral range
 R_m 561.770 520.770
 R_a 475.573 380.561
 R_g 380.520 580.573
 G 520.570 580.573
 18 optical colours (a, b, Y) = 39.6
 6 of maximum (m) C₁₀ for D65
 in chromaticity diagram (A, B)

Figure 1 is a chroma diagram of the D65 illuminant. It shows a series of points (D65, D5, D4, D3, D2, D1) connected by a curve, representing the chromaticity of the D65 illuminant at different wavelengths. The x-axis is labeled 'CIE L*a*b*' and the y-axis is labeled 'CIE L*u*v*'. The diagram includes a table of parameters for the D65 illuminant, such as $\bar{x}$, $\bar{y}$, $\bar{z}$, and various chromaticity coordinates. The diagram is titled 'Chroma diagram of the D65 illuminant'.

Parameter	Value
$\bar{x}$	0.9504
$\bar{y}$	1.0000
$\bar{z}$	0.0490
$\bar{a}$	0.0000
$\bar{b}$	0.0000
$\bar{c}$	0.0000
$\bar{d}$	0.0000
$\bar{e}$	0.0000
$\bar{f}$	0.0000
$\bar{g}$	0.0000
$\bar{h}$	0.0000
$\bar{i}$	0.0000
$\bar{j}$	0.0000
$\bar{k}$	0.0000
$\bar{l}$	0.0000
$\bar{m}$	0.0000
$\bar{n}$	0.0000
$\bar{o}$	0.0000
$\bar{p}$	0.0000
$\bar{q}$	0.0000
$\bar{r}$	0.0000
$\bar{s}$	0.0000
$\bar{t}$	0.0000
$\bar{u}$	0.0000
$\bar{v}$	0.0000
$\bar{w}$	0.0000
$\bar{x}$	0.0000
$\bar{y}$	0.0000
$\bar{z}$	0.0000
$\bar{a}$	0.0000
$\bar{b}$	0.0000
$\bar{c}$	0.0000
$\bar{d}$	0.0000
$\bar{e}$	0.0000
$\bar{f}$	0.0000
$\bar{g}$	0.0000
$\bar{h}$	0.0000
$\bar{i}$	0.0000
$\bar{j}$	0.0000
$\bar{k}$	0.0000
$\bar{l}$	0.0000
$\bar{m}$	0.0000
$\bar{n}$	0.0000
$\bar{o}$	0.0000
$\bar{p}$	0.0000
$\bar{q}$	0.0000
$\bar{r}$	0.0000
$\bar{s}$	0.0000
$\bar{t}$	0.0000
$\bar{u}$	0.0000
$\bar{v}$	0.0000
$\bar{w}$	0.0000
$\bar{x}$	0.0000
$\bar{y}$	0.0000
$\bar{z}$	0.0000
$\bar{a}$	0.0000
$\bar{b}$	0.0000
$\bar{c}$	0.0000
$\bar{d}$	0.0000
$\bar{e}$	0.0000
$\bar{f}$	0.0000
$\bar{g}$	0.0000
$\bar{h}$	0.0000
$\bar{i}$	0.0000
$\bar{j}$	0.0000
$\bar{k}$	0.0000
$\bar{l}$	0.0000
$\bar{m}$	0.0000
$\bar{n}$	0.0000
$\bar{o}$	0.0000
$\bar{p}$	0.0000
$\bar{q}$	0.0000
$\bar{r}$	0.0000
$\bar{s}$	0.0000
$\bar{t}$	0.0000
$\bar{u}$	0.0000
$\bar{v}$	0.0000
$\bar{w}$	0.0000
$\bar{x}$	0.0000
$\bar{y}$	0.0000
$\bar{z}$	0.0000
$\bar{a}$	0.0000
$\bar{b}$	0.0000
$\bar{c}$	0.0000
$\bar{d}$	0.0000
$\bar{e}$	0.0000
$\bar{f}$	0.0000
$\bar{g}$	0.0000
$\bar{h}$	0.0000
$\bar{i}$	0.0000
$\bar{j}$	0.0000
$\bar{k}$	0.0000
$\bar{l}$	0.0000
$\bar{m}$	0.0000
$\bar{n}$	0.0000
$\bar{o}$	0.0000
$\bar{p}$	0.0000
$\bar{q}$	0.0000
$\bar{r}$	0.0000
$\bar{s}$	0.0000
$\bar{t}$	0.0000
$\bar{u}$	0.0000
$\bar{v}$	0.0000
$\bar{w}$	0.0000
$\bar{x}$	0.0000
$\bar{y}$	0.0000
$\bar{z}$	0.0000
$\bar{a}$	0.0000
$\bar{b}$	0.0000
$\bar{c}$	0.0000
$\bar{d}$	0.0000
$\bar{e}$	0.0000
$\bar{f}$	0.0000
$\bar{g}$	0.0000
$\bar{h}$	0.0000
$\bar{i}$	0.0000
$\bar{j}$	0.0000
$\bar{k}$	0.0000
$\bar{l}$	

LABINDS 87
Name and spectral index 1.95

Patch	L*	a*	b*
1	39.12	0.34	0.61
2	65.43	0.21	0.21
3	49.25	0.16	0.18
4	38.62	0.19	0.18
5	28.86	0.16	0.13
6	16.19	0.11	0.06
7	8.29	0.04	0.04
8	3.44	0.01	0.01
9	31.41	0.18	0.54
10	72.06	0.18	0.24
11	42.02	0.16	0.13
12	19.60	0.11	0.06
13	38.12	0.16	0.13
14	28.86	0.16	0.13
15	16.19	0.11	0.06
16	8.29	0.04	0.04
17	3.44	0.01	0.01
18	31.41	0.18	0.54
19	72.06	0.18	0.24
20	42.02	0.16	0.13
21	19.60	0.11	0.06
22	38.12	0.16	0.13
23	28.86	0.16	0.13
24	16.19	0.11	0.06
25	8.29	0.04	0.04
26	3.44	0.01	0.01
27	31.41	0.18	0.54
28	72.06	0.18	0.24
29	42.02	0.16	0.13
30	19.60	0.11	0.06
31	38.12	0.16	0.13

1-00030-10.0 TL201-4N.1

Figure 1 is a plot showing the relationship between the 10 optical colours (Y10) and the maximum (M) C450 for D65 in the chroma diagram. The plot is titled "10 optical colours (Y10) versus the maximum (M) C450 for D65 in the chroma diagram". The x-axis is labeled "Y10" and ranges from -120 to 120. The y-axis is labeled "M" and ranges from -120 to 120. The plot shows a series of points connected by lines, forming a loop. The points are labeled with their corresponding colour names: B* (blue), G (green), Y (yellow), R (red), and A (orange). The plot is titled "10 optical colours (Y10) versus the maximum (M) C450 for D65 in the chroma diagram".

TUB registration: 20130201-TE29/TE29L0N1.TXT / .PS
application for measurement of display output

TUB material: code=rha4ta