

$XYZ_W=95.04, 100.0, 108.89$

-74 Parameter:  
 $L^*_{Clr} & Name$   
 $Y_F=Y/18,$   
 $L'=L^*-50$   
 $A_2=2.5 (a_2 - a_{2,n}) Y$   
 $B_2=2.5 (b_2 - b_{2,n}) Y$   
 $a_2 = a_{20} [(x - x_c) / y]$   
 $b_2 = b_{20} B_c [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 0.800$   
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$   
 Farbenraum ( $C_{AB,2}, L^*_{Clr}$ )  
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Lichtart D65,  $Y_W=54.0, Y_N=6.0$

Name	Bereich	X	Y	Z	x	y	z	$\lambda$	$\lambda_c$	$\lambda_e$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L^*_{Clr}$	$L^*_{Clr}$	$L^*_{Clr}$	$L^*_{Tur}$	$L^*_{Tar}$
R	567.775	34.32	24.19	6.55	0.527	0.371	1.596	489	1.122	-0.086	0.57	30.6	15.8	34.4	27	1.34	6.2	6.8	7.3	6.3	
Y	493.775	42.71	51.24	9.77	0.411	0.493	570	463	0.61	-0.061	0.287	-0.6	36.8	36.8	9.1	2.84	26.8	27.6	26.0	21.2	
G	493.567	40.09	33.04	9.75	0.247	0.58	535	535	0.237	-0.094	0.456	-31.3	20.9	37.6	14.6	18.3	14.2	14.8	15.1	12.8	
C	380.597	22.7	35.8	58.77	0.193	0.305	489	596	0.273	-0.523	0.385	-30.6	-15.8	34.4	207	1.98	16.3	17.0	17.0	14.5	
B	380.493	14.3	8.75	55.56	0.181	0.111	463	570	0.646	-0.201	1.682	0.6	-36.8	36.8	271	0.48	-14.4	-14.1	-17.9	-15.1	
M	567.493	42.93	26.95	55.88	0.342	0.214	535	535	1.08	-0.659	0.559	31.3	-20.9	37.6	326	1.49	8.9	9.5	10.0	8.6	
W	380.775	51.32	54.0	58.8	0.312	0.329	54.6	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	3.0	28.4	29.2	27.3	22.1		
N	380.775	5.7	6.0	6.53	0.312	0.329	6.6	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	178	0.33	-20.5	-20.2	-27.3	-22.1	
U	380.775	17.1	18.0	19.6	0.312	0.329	18.6	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0		

fgc21-5a

$XYZ_W=100.93, 100.0, 64.68$

-74 Parameter:  
 $L^*_{Clr} & Name$   
 $Y_F=Y/18,$   
 $L'=L^*-50$   
 $A_2=2.5 (a_2 - a_{2,n}) Y$   
 $B_2=2.5 (b_2 - b_{2,n}) Y$   
 $a_2 = a_{20} [(x - x_c) / y]$   
 $b_2 = b_{20} B_c [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.300$   
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$   
 Farbenraum ( $C_{AB,2}, L^*_{Clr}$ )  
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Lichtart P40,  $Y_W=54.0, Y_N=6.0$

Name	Bereich	X	Y	Z	x	y	z	$\lambda$	$\lambda_c$	$\lambda_e$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L^*_{Clr}$	$L^*_{Clr}$	$L^*_{Clr}$	$L^*_{Tur}$	$L^*_{Tar}$		
R	573.775	39.74	25.74	3.9	0.572	0.371	1600	493	1.247	-0.078	0.589	34.1	-0.078	0.589	34.1	16.5	37.9	25	1.43	7.8	8.3	8.8	7.7
Y	498.775	49.53	51.76	5.83	0.462	0.483	576	468	0.729	-0.058	0.278	15	35.9	35.9	8.7	2.87	27.1	27.9	26.2	21.4			
G	498.573	15.84	32.01	5.8	0.295	0.596	540	31.0	0.340	-0.094	0.473	-32.5	19.3	37.8	14.9	1.77	13.3	14.0	14.3	12.2			
C	380.573	20.81	34.25	34.91	0.231	0.38	493	600	0.318	-0.529	0.443	-34.1	-16.5	37.9	205	1.9	15.1	15.8	15.9	13.6			
B	380.498	11.02	8.23	32.98	0.21	0.157	468	576	0.64	-2.083	1.748	-15	-35.9	35.9	267	0.45	-15.5	-15.1	-19.4	-16.3			
M	573.498	44.71	27.98	33.0	0.423	0.264	540	1.182	-0.613	0.541	32.5	-19.3	37.8	329	1.55	9.8	10.4	10.9	9.4				
W	380.775	54.5	54.0	34.93	0.379	0.376	54.6	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	3.0	28.4	29.2	27.3	22.1				
N	380.775	6.05	6.0	6.88	0.379	0.376	6.6	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	180	0.33	-20.5	-20.2	-27.3	-22.1			
U	380.775	18.16	18.0	11.64	0.379	0.376	18.6	0.717	-0.336	0.01	0.0	0.0	0.0	0.0	163	1.0	-0.4	0.0	0.0				

fgc21-7a

fgc20-7R\_R

$XYZ_W=96.42, 100.0, 82.49$

-74 Parameter:  
 $L^*_{Clr} & Name$   
 $Y_F=Y/18,$   
 $L'=L^*-50$   
 $A_2=2.5 (a_2 - a_{2,n}) Y$   
 $B_2=2.5 (b_2 - b_{2,n}) Y$   
 $a_2 = a_{20} [(x - x_c) / y]$   
 $b_2 = b_{20} B_c [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 1.000$   
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$   
 Farbenraum ( $C_{AB,2}, L^*_{Clr}$ )  
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Lichtart D50,  $Y_W=54.0, Y_N=6.0$

Name	Bereich	X	Y	Z	x	y	z	$\lambda$	$\lambda_c$	$\lambda_e$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L^*_{Clr}$	$L^*_{Clr}$	$L^*_{Clr}$	$L^*_{Tur}$	$L^*_{Tar}$
R	570.775	36.93	25.19	4.97	0.55	0.375	598	491	1.172	-0.078	0.573	32.4	15.8	36.1	25	1.39	7.2	7.8	8.3	7.2	
Y	496.775	45.67	51.13	6.99	0.44	0.492	573	468	0.669	-0.054	0.275	15	35.1	35.2	8.7	2.84	26.7	27.5	25.9	21.2	
G	496.570	14.52	31.93	6.97	0.271	0.597	538	320	0.27	-0.087	0.456	-30.8	19.3	36.4	14.7	1.77	13.2	13.9	14.2	12.2	
C	380.570	20.92	34.8	44.52	0.208	0.347	491	598	0.284	-0.511	0.415	-32.4	-15.8	36.1	205	1.93	15.5	16.2	16.3	13.9	
B	380.496	12.17	8.86	42.5	0.191	0.139	468	573	0.585	-0.191	1.589	-1.5	-35.1	35.2	267	0.49	-14.2	-13.9	-17.6	-14.9	
M	570.496	43.32	28.06	42.52	0.38	0.246	538	538	1.097	-0.606	0.519	30.8	-19.3	36.4	327	1.55	9.9	10.5	11.0	9.5	
W	380.775	52.06	54.0	44.54	0.345	0.358	54.6	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	3.0	28.4	29.2	27.3	22.1		
N	380.775	5.78	6.0	4.94	0.345	0.358	6.6	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	181	0.33	-20.5	-20.2	-27.3	-22.1	
U	380.775	17.35	18.0	14.84	0.345	0.358	18.6	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	201	1.0	-0.4	0.0	0.0		

fgc21-6a

$XYZ_W=109.84, 99.99, 35.58$

-74 Parameter:  
 $L^*_{Clr} & Name$   
 $Y_F=Y/18,$   
 $L'=L^*-50$   
 $A_2=2.5 (a_2 - a_{2,n}) Y$   
 $B_2=2.5 (b_2 - b_{2,n}) Y$   
 $a_2 = a_{20} [(x - x_c) / y]$   
 $b_2 = b_{20} B_c [z / y]$   
 $a_{20} = 1, b_{20} = -0.4$   
 $x_c = 0.110, B_c = 2.500$   
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$   
 6 Ostwald-Farben (o),  $C_{AB,2} = \text{const}$   
 Farbenraum ( $C_{AB,2}, L^*_{Clr}$ )  
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Lichtart A00,  $Y_W=54.0, Y_N=6.0$

Name	Bereich	X	Y	Z	x	y	z	$\lambda$	$\lambda_c$	$\lambda_e$	$a_2$	$b_2$	$c_2$	$A_2$	$B_2$	$C_{AB,2}$	$L^*_{Clr}$	$L^*_{Clr}$	$L^*_{Clr}$	$L^*_{Tur}$	$L^*_{Tar}$
R	579.775	44.93	26.64	2.15	0.609	0.361	605	499	1.381	-0.08	0.618	36.8	18.3	41.1	26	1.48	8.6	9.2	9.7	8.4	
Y	504.775	56.73	52.06	3.25	0.506	0.464	581	474	0.852	-0.062	0.294	31	38.1	38.3	8.5	2.89	27.3	28.1	26.3	21.5	
G	504.579	18.39	34.12	3.23	0.346	0.592	547	390	0.366	-0.103	0.497	-33.6	19.8	39.1	14.9	1.74	12.8	13.5	13.8	11.8	
C	380.579	20.97	33.35	41.91	0.285	0.453	499	605	0.396	-0.575	0.495	-36.8	-18.3	41.1	206	1.85	14.4	15.0	15.3	13.0	
B	380.504	9.71	7.93	18.09	0.26	0.225	474	581	0.668	-2.281	1.932	-3.1	-38.1	38.3	265	0.44	-16.1	-15.8	-20.3	-17.0	
M	579.504	47.51	28.81	11.01	0.504	0.303	547	547	1.3	-0.633	0.547	33.6	-19.8	39.1	329	1.58	10.4	11.0	11.4	9.9	
W	380.775	59.31	53.99	19.21	0.447	0.407	54.6	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	3.0	28.4	29.2	27.3	22.1		
N	380.775	5.99	6.0	19.21	0.447	0.407	6.6	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	176	0.33	-20.5	-20.2	-27.3	-22.1	
U	380.775	19.77	19.99	6.4	0.447	0.407	18.6	0.828	-0.355	0.01	0.0	0.0	0.0	0.0	163	1.0	-0.4	0.0	0.0		

fgc21-8a