

XYZ_W=95.04, 100.0, 108.89

-74 Parameter:

$$A_2 = 2,5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2,5 (b_2 - b_{2,n}) Y$$

$$a_2 = a_{20} [(x - x_c) / y]$$

$$b_2 = b_{20} B_c [z / y]$$

$$a_{20} = 1, b_{20} = -0,4$$

$$x_c = 0,110, B_c = 0,800$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o), C_{AB,2}=constFarbenraum (C_{AB,2}, L*_{CIE}) 29B

L*_{CIE}=116(Y/100)^{1/3}-16 (r>=0,8856) oder

L*_{CIE}=116(841/108)(Y/100+4/29)-16

Lichtart D65, Y_W=90.0, Y_N=3.6Name Bereich X_W Y_W Z_W x_N y_N z_N λ_c λ_c a₂ b₂ c₂ A₂ B₂ C_{AB,2} L*_{CIE} L*_{CIE} L*_{CIE} L*_{CIE} L*_{Tar}

R	567,775	54.94	36.35	3.96	0.576	0.381	596	489	1.223	-0.034	0.683	55.1	28.4	62.0	27	2.01	16.7	17.4	17.4	18.6	15.7
Y	493,775	85.03	82.03	9.75	0.424	0.515	570	463	0.61	-0.036	0.311	-1.1	66.2	62.2	9.1	4.72	43.9	44.8	38.5	29.3	29.3
G	493,567	10.53	58.08	9.71	0.23	0.649	935	535	0.184	-0.039	0.519	-56.3	37.7	62.7	146	2.9	27.4	28.2	26.5	21.6	21.6
C	380,567	34.01	57.24	97.96	0.119	0.302	489	596	0.23	-0.547	0.433	-55.1	-28.4	62.0	207	3.18	30.3	31.1	28.7	23.2	23.2
B	380,493	18.91	8.56	92.16	0.158	0.071	463	570	0.671	-3.444	3.096	1.1	-66.2	66.2	271	0.47	-14.8	-14.5	-18.4	-15.3	-15.3
M	567,493	70.43	41.31	92.2	0.345	0.202	535	535	1.161	-0.714	0.656	56.3	-37.7	67.8	326	2.29	20.3	21.1	20.6	17.2	17.2
W	380,775	85.53	90.0	98.0	0.312	0.329	906	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	30.1	
N	380,775	3.42	3.6	3.92	0.312	0.329	3.6	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	180	0.19	-27.6	-27.4	-40.0	-30.1	-30.1
U	380,775	17.1	18.0	19.6	0.312	0.329	18%	0.616	-0.348	0.01	0.0	0.0	0.0	0.0	184	1.0	-7.5	10.7	-4.0	0.0	0.0

fgc10-5a

XYZ_W=96.42, 100.0, 82.49

-74 Parameter:

$$A_2 = 2,5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2,5 (b_2 - b_{2,n}) Y$$

$$a_2 = a_{20} [(x - x_c) / y]$$

$$b_2 = b_{20} B_c [z / y]$$

$$a_{20} = 1, b_{20} = -0,4$$

$$x_c = 0,110, B_c = 1,000$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o), C_{AB,2}=constFarbenraum (C_{AB,2}, L*_{CIE}) 29B

L*_{CIE}=116(Y/100)^{1/3}-16 (r>=0,8856) oder

L*_{CIE}=116(841/108)(Y/100+4/29)-16

Lichtart D50, Y_W=90.0, Y_N=3.6Name Bereich X_W Y_W Z_W x_N y_N z_N λ_c λ_c a₂ b₂ c₂ A₂ B₂ C_{AB,2} L*_{CIE} L*_{CIE} L*_{CIE} L*_{CIE} L*_{Tar}

R	570,775	59.53	38.15	3.01	0.591	0.378	598	491	1.27	-0.031	0.681	58.4	28.4	65.0	25	2.11	18.1	18.8	18.6	15.7	15.7
Y	496,775	75.27	84.84	6.65	0.451	0.508	573	468	0.67	-0.031	0.299	2.8	63.3	63.0	147	4.71	43.8	44.7	38.5	29.3	29.3
G	496,570	19.2	50.29	6.61	0.252	0.66	538	538	0.215	-0.052	0.521	-55.5	34.8	65.6	147	2.79	26.2	27.0	25.5	20.9	20.9
C	380,570	30.71	55.44	74.52	0.191	0.345	491	598	0.235	-0.535	0.469	-58.4	-28.4	65.0	205	3.08	29.2	30.0	27.9	22.6	22.6
B	380,496	14.97	8.75	70.56	0.158	0.092	468	573	0.526	-3.223	2.896	-2.8	-63.3	63.4	267	0.48	-14.4	-14.1	-17.9	-15.1	-15.1
M	570,496	71.04	43.31	70.6	0.384	0.234	538	538	1.17	-0.652	0.606	55.5	-34.8	65.6	327	2.4	21.7	22.4	21.8	18.1	18.1
W	380,775	86.78	90.0	74.24	0.345	0.358	906	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	30.1	
N	380,775	3.47	3.6	2.96	0.345	0.358	3.6	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	181	0.19	-27.6	-27.4	-40.0	-30.1	-30.1
U	380,775	17.35	18.0	14.84	0.345	0.358	18%	0.657	-0.329	0.01	0.0	0.0	0.0	0.0	186	1.0	-0.4	0.0	0.0	0.0	0.0

fgc10-6a

XYZ_W=100.93, 100.0, 64.68

-74 Parameter:

$$A_2 = 2,5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2,5 (b_2 - b_{2,n}) Y$$

$$a_2 = a_{20} [(x - x_c) / y]$$

$$b_2 = b_{20} B_c [z / y]$$

$$a_{20} = 1, b_{20} = -0,4$$

$$x_c = 0,110, B_c = 1,300$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o), C_{AB,2}=constFarbenraum (C_{AB,2}, L*_{CIE}) 26B

L*_{CIE}=116(Y/100)^{1/3}-16 (r>=0,8856) oder

L*_{CIE}=116(841/108)(Y/100+4/29)-16

Lichtart P40, Y_W=90.0, Y_N=3.6Name Bereich X_W Y_W Z_W x_N y_N z_N λ_c λ_c a₂ b₂ c₂ A₂ B₂ C_{AB,2} L*_{CIE} L*_{CIE} L*_{CIE} L*_{CIE} L*_{Tar}

R	573,775	64.27	39.14	2.36	0.607	0.37	600	493	1.344	-0.031	0.697	61.4	29.8	68.2	25	1.77	18.8	19.5	19.3	16.2	16.2
Y	498,775	81.9	85.98	5.83	0.471	0.494	576	468	0.73	-0.035	0.301	2.8	64.7	62.7	8.7	4.44	45.2	38.8	29.5	29.5	29.5
G	498,573	21.25	50.43	5.79	0.274	0.65	540	540	0.252	-0.059	0.514	-58.5	34.8	68.1	149	2.8	26.3	27.1	25.6	20.9	20.9
C	380,573	30.19	54.45	58.18	0.211	0.381	493	600	0.265	-0.555	0.501	-61.4	-29.8	68.2	205	3.02	28.7	29.5	27.5	22.3	22.3
B	380,498	12.57	7.61	54.71	0.167	0.101	468	576	0.568	-3.733	3.4	-2.8	-64.7	64.7	267	0.42	-16.8	-16.4	-21.3	-17.8	-17.8
M	573,498	72.11	43.16	54.75	0.427	0.252	540	540	1.26	-0.659	0.631	58.5	-34.8	68.1	329	2.39	21.6	22.3	21.7	18.1	18.1
W	380,775	90.83	90.0	58.22	0.379	0.376	906	0.717	-0.336	0.01	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	30.1	30.1	
N	380,775	3.6	3.6	2.32	0.379	0.376	3.6	0.717	-0.336	0.01	0.0	0.0	0.0	180	0.19	-27.6	-27.4	-40.0	-30.1	-30.1	-30.1
U	380,775	18.16	18.0	11.64	0.379	0.376	18%	0.717	-0.336	0.01	0.0	0.0	0.0	169	1.0	-0.4	0.0	0.0	0.0	0.0	0.0

fgc10-7a

fgc10-7R_R

XYZ_W=109.84, 99.99, 35.58

-74 Parameter:

$$A_2 = 2,5 (a_2 - a_{2,n}) Y$$

$$B_2 = 2,5 (b_2 - b_{2,n}) Y$$

$$a_2 = a_{20} [(x - x_c) / y]$$

$$b_2 = b_{20} B_c [z / y]$$

$$a_{20} = 1, b_{20} = -0,4$$

$$x_c = 0,110, B_c = 2,500$$

$$C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$$

6 Ostwald-Farben (o), C_{AB,2}=constFarbenraum (C_{AB,2}, L*_{CIE}) 24B

L*_{CIE}=116(Y/100)^{1/3}-16 (r>=0,8856) oder

L*_{CIE}=116(841/108)(Y/100+4/29)-16

Lichtart A00, Y_W=90.0, Y_N=3.6Name Bereich X_W Y_W Z_W x_N y_N z_N λ_c λ_c a₂ b₂ c₂ A₂ B₂ C_{AB,2} L*_{CIE} L*_{CIE} L*_{CIE} L*_{CIE} L*_{Tar}

R	579,775	72.97	40.76	1.31	0.634	0.345	605	499	1.479	-0.032	0.727	66.3	32.9	74.0	26	2.26	20.0	20.7	20.3	17.0	17.0
Y	504,775	94.21	86.52	3.29	0.511	0.47	581	474	0.854	-0.038	0.318	5.7	68.7	68.9	8.5	4.8	44.5	45.4	39.0	29.6	29.6
G	504,579	25.19	49.36	3.26	0.223	0.634	547	547	0.327	-0.066	0.57	-60.6	35.7	70.3	149	2.74	25.6	26.4	25.0	20.6	20.6
C	380,579	29.84	52.83	31.98	0.26	0.46	499	605	0.326	-0.605	0.561	-66.3	-32.9	74.0	206	2.93	27.7	28.5	26.7	21.8	21.8
B	380,504	8.6	7.07	30.0	0.188	0.154	474	581	0.505	-4.241	3.898	-5.7	-68.7	68.9	265	0.39	-18.0	-17.6	-23.2	-19.2	-19.2
M	579,504	77.62	44.23	30.04	0.51	0.291	547	547	1.376	-0.679	0.636	60.6	-35.7	70.3	329	2.45	22.3	23.1	22.3	18.5	18.5
W	380,775	98.86	89.99	32.02	0.447	0.407	906	0.828	-0.355	0.01	0.0	0.0	0.0	4.99	45.9	46.9	40.0	30.1	30.1	30.1	
N	380,775	3.95	3.95	1.28	0.447	0.407	3.95	0.828	-0.355	0.01	0.0	0.0	0.0	181	0.19	-27.6	-27.4	-40.0	-30.1	-30.1	-30.1
U	380,775	19.77	17.99	6.4	0.447	0.407	18%	0.828	-0.355	0.01	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0	0.0	0.0

fgc10-8a