

XYZ<sub>w</sub>=95.04, 100.0, 108.89

A<sub>2</sub> = 2,5 (a<sub>2</sub> - a<sub>2,n</sub>) Y

B<sub>2</sub> = 2,5 (b<sub>2</sub> - b<sub>2,n</sub>) Y

a<sub>20</sub> = a<sub>20</sub> [(x - x<sub>c</sub>) / y]

b<sub>20</sub> = b<sub>20</sub> B<sub>c</sub> [z / y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0,4

x<sub>c</sub> = 0,110, B<sub>c</sub> = 0,800

C<sub>AB,2</sub> = [A<sub>2</sub><sup>2</sup> + B<sub>2</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o), C<sub>AB,2</sub>=const

Farbenraum (C<sub>AB,2</sub> > L\*<sub>TUR</sub>)

L\*<sub>TUR</sub> = 50 + 40[Y<sub>R</sub>/log(5)]

Lichtart D65, Y<sub>w</sub>=54,0, Y<sub>n</sub>=6,0

Name Bereich X Y Z x<sub>n</sub> y<sub>n</sub> z<sub>n</sub> λ<sub>a</sub> λ<sub>c</sub> a<sub>2</sub> b<sub>2</sub> c<sub>2</sub> A<sub>2</sub> B<sub>2</sub> C<sub>AB,2</sub> L\*<sub>TUR</sub> Y<sub>R</sub> L\*<sub>IE</sub> L\*<sub>Ch</sub> L\*<sub>TUR</sub> L\*<sub>Tar</sub>

R	507	775	30.89	21.77	5.9	0.527	0.371	596	489	1.122	-0.086	0.57	27.5	14.2	31.0	27	1.2	3.7	4.3	4.7	4.1	7
Y	493	775	38.44	46.11	8.79	0.441	0.493	570	463	0.61	-0.061	0.237	-0.5	33.1	33.1	9.1	2.5	23.6	24.3	23.3	19.3	10
G	493	775	12.68	29.74	8.77	0.247	0.58	535	535	0.237	-0.094	0.458	-28.1	18.8	33.9	146	16.5	11.4	12.0	12.4	10.7	7
C	380	567	20.43	32.22	52.9	0.193	0.305	489	596	0.273	-0.525	0.385	-27.5	-14.2	31.0	207	1.79	13.5	14.1	14.4	12.3	3
B	380	567	10.82	7.88	50.0	0.181	0.111	463	570	0.646	-2.03	1.682	9.5	-33.1	33.1	271	6.4	-16.2	-15.9	-20.5	-17.2	2
M	507	493	38.63	24.25	50.0	0.242	0.342	214	535	3.55	1.08	-0.659	0.559	28.1	-18.8	33.9	326	1.34	6.3	6.9	7.4	6.4
W	380	775	51.32	54.0	58.8	0.312	0.329	54%			0.616	-0.348	0.01	0.0	0.0	0.0	3.0	28.4	29.2	27.3	22.1	
N	380	775	5.78	6.0	6.53	0.312	0.329	6%			0.616	-0.348	0.01	0.0	0.0	0.0	1.70	0.33	-20.5	-20.2	-27.3	-22.1
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	1.8	1.0	-0.4	0.0	0.0	0.0

fige31-5a

-74 Parameter: L\*<sub>TUR</sub>=L\*<sub>TUR</sub>-50 74

L\*<sub>TUR</sub> & Name

Y<sub>R</sub>=Y/18,

L\*<sub>TUR</sub>=I\* 50

78C<sub>d</sub>

64C<sub>d</sub>

55K<sub>d</sub>

64R<sub>AB,2</sub>

46

50

0

-3

50

-46

50

XYZ<sub>w</sub>=96.42, 100.0, 82.49

A<sub>2</sub> = 2,5 (a<sub>2</sub> - a<sub>2,n</sub>) Y

B<sub>2</sub> = 2,5 (b<sub>2</sub> - b<sub>2,n</sub>) Y

a<sub>20</sub> = a<sub>20</sub> [(x - x<sub>c</sub>) / y]

b<sub>20</sub> = b<sub>20</sub> B<sub>c</sub> [z / y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0,4

x<sub>c</sub> = 0,110, B<sub>c</sub> = 1,000

C<sub>AB,2</sub> = [A<sub>2</sub><sup>2</sup> + B<sub>2</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o), C<sub>AB,2</sub>=const

Farbenraum (C<sub>AB,2</sub> > L\*<sub>TUR</sub>)

L\*<sub>TUR</sub> = 50 + 40[Y<sub>R</sub>/log(5)]

Lichtart D50, Y<sub>w</sub>=54,0, Y<sub>n</sub>=6,0

Name Bereich X Y Z x<sub>n</sub> y<sub>n</sub> z<sub>n</sub> λ<sub>a</sub> λ<sub>c</sub> a<sub>2</sub> b<sub>2</sub> c<sub>2</sub> A<sub>2</sub> B<sub>2</sub> C<sub>AB,2</sub> L\*<sub>TUR</sub> Y<sub>R</sub> L\*<sub>IE</sub> L\*<sub>Ch</sub> L\*<sub>TUR</sub> L\*<sub>Tar</sub>

R	570	775	33.24	22.67	4.47	0.55	0.375	598	491	1.172	-0.078	0.73	29.2	14.2	32.5	25	1.25	4.7	5.2	5.7	4.9	7
Y	496	775	41.1	46.02	6.29	0.44	0.492	573	468	0.609	-0.054	0.23	1.4	31.6	31.7	8.7	2.5	23.5	24.3	23.3	19.3	10
G	496	775	13.07	28.74	6.27	0.271	0.597	538	538	0.27	-0.087	0.45	-27.7	17.4	32.8	147	1.5	10.5	11.1	11.6	10.0	7
C	380	570	18.82	31.32	40.07	0.208	0.347	491	598	0.284	-0.511	0.415	-29.2	-14.2	32.5	205	1.4	12.7	13.4	13.7	11.8	3
B	380	570	10.96	7.97	38.25	0.191	0.139	468	573	0.585	-1.917	1.589	-1.4	-31.6	31.7	267	0.44	-16.0	-15.7	-20.2	-16.9	2
M	570	496	38.99	25.25	38.27	0.38	0.246	538	538	1.097	-0.606	0.519	7.7	-17.4	32.8	327	1.4	7.3	7.9	8.4	7.3	2
W	380	775	52.06	54.0	44.54	0.345	0.358	54%			0.657	-0.329	0.01	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%			0.657	-0.329	0.01	0.0	0.0	0.0	1.8	0.33	-20.5	-20.2	-27.3	-22.1
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	2.0	1.0	-0.4	0.0	0.0	0.0

fige31-6a

XYZ<sub>w</sub>=100.93, 100.0, 64.68

A<sub>2</sub> = 2,5 (a<sub>2</sub> - a<sub>2,n</sub>) Y

B<sub>2</sub> = 2,5 (b<sub>2</sub> - b<sub>2,n</sub>) Y

a<sub>20</sub> = a<sub>20</sub> [(x - x<sub>c</sub>) / y]

b<sub>20</sub> = b<sub>20</sub> B<sub>c</sub> [z / y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0,4

x<sub>c</sub> = 0,110, B<sub>c</sub> = 1,300

C<sub>AB,2</sub> = [A<sub>2</sub><sup>2</sup> + B<sub>2</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o), C<sub>AB,2</sub>=const

Farbenraum (C<sub>AB,2</sub> > L\*<sub>TUR</sub>)

L\*<sub>TUR</sub> = 50 + 40[Y<sub>R</sub>/log(5)]

Lichtart P40, Y<sub>w</sub>=54,0, Y<sub>n</sub>=6,0

Name Bereich X Y Z x<sub>n</sub> y<sub>n</sub> z<sub>n</sub> λ<sub>a</sub> λ<sub>c</sub> a<sub>2</sub> b<sub>2</sub> c<sub>2</sub> A<sub>2</sub> B<sub>2</sub> C<sub>AB,2</sub> L\*<sub>TUR</sub> Y<sub>R</sub> L\*<sub>IE</sub> L\*<sub>Ch</sub> L\*<sub>TUR</sub> L\*<sub>Tar</sub>

R	573	775	35.77	23.17	3.51	0.572	0.371	600	493	1.247	-0.078	0.589	30.7	14.9	34.1	25	1.28	5.2	5.8	6.2	5.4	7
Y	498	775	44.58	46.59	5.24	0.462	0.483	576	468	0.729	-0.058	0.78	1.4	32.3	32.3	8.7	2.58	23.9	24.6	23.6	19.5	10
G	498	775	14.26	28.81	5.21	0.295	0.596	540	540	0.31	-0.094	0.47	-29.2	17.4	34.0	149	1.6	10.6	11.2	11.6	10.0	7
C	380	573	18.72	30.82	31.41	0.231	0.38	493	600	0.318	-0.529	0.44	-30.7	-14.9	34.1	205	1.7	12.3	12.9	13.3	11.4	3
B	380	498	9.91	7.4	29.68	0.21	0.157	468	576	0.64	-2.083	1.748	-1.4	-32.3	32.3	267	0.41	-17.2	-16.9	-22.0	-18.3	2
M	573	498	40.24	25.18	29.7	0.423	0.264	540	540	1.182	-0.613	0.541	39.2	-17.4	34.0	329	3.9	7.2	7.8	8.3	7.2	2
W	380	775	54.5	54.0	34.93	0.379	0.376	54%			0.717	-0.336	0.01	0.0	0.0	0.0	3.0	28.4	29.2	27.3	22.1	
N	380	775	6.05	6.0	3.88	0.379	0.376	6%			0.717	-0.336	0.01	0.0	0.0	0.0	1.80	0.33	-20.5	-20.2	-27.3	-22.1
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	1.6	1.0	-0.4	0.0	0.0	0.0

fige31-7a

-74 Parameter: L\*<sub>TUR</sub>=L\*<sub>TUR</sub>-50 74

L\*<sub>TUR</sub> & Name

Y<sub>R</sub>=Y/18,

L\*<sub>TUR</sub>=I\* 50

77C<sub>d</sub>

63C<sub>d</sub>

56R<sub>d</sub>

69R<sub>AB,2</sub>

46

50

0

-3

50

-46

50

XYZ<sub>w</sub>=109.84, 99.99, 35.58

A<sub>2</sub> = 2,5 (a<sub>2</sub> - a<sub>2,n</sub>) Y

B<sub>2</sub> = 2,5 (b<sub>2</sub> - b<sub>2,n</sub>) Y

a<sub>20</sub> = a<sub>20</sub> [(x - x<sub>c</sub>) / y]

b<sub>20</sub> = b<sub>20</sub> B<sub>c</sub> [z / y]

a<sub>20</sub> = 1, b<sub>20</sub> = -0,4

x<sub>c</sub> = 0,110, B<sub>c</sub> = 2,500

C<sub>AB,2</sub> = [A<sub>2</sub><sup>2</sup> + B<sub>2</sub><sup>2</sup>]<sup>1/2</sup>

6 Ostwald-Farben (o), C<sub>AB,2</sub>=const

Farbenraum (C<sub>AB,2</sub> > L\*<sub>TUR</sub>)

L\*<sub>TUR</sub> = 50 + 40[Y<sub>R</sub>/log(5)]

Lichtart A00, Y<sub>w</sub>=54,0, Y<sub>n</sub>=6,0

Name Bereich X Y Z x<sub>n</sub> y<sub>n</sub> z<sub>n</sub> λ<sub>a</sub> λ<sub>c</sub> a<sub>2</sub> b<sub>2</sub> c<sub>2</sub> A<sub>2</sub> B<sub>2</sub> C<sub>AB,2</sub> L\*<sub>TUR</sub> Y<sub>R</sub> L\*<sub>IE</sub> L\*<sub>Ch</sub> L\*<sub>TUR</sub> L\*<sub>Tar</sub>

R	579	775	40.44	23.98	1.93	0.609	0.361	605	499	1.381	-0.08	0.618	31.3	16.4	37.0	26	1.33	6.0	6.6	7.1	6.1	7
Y	504	775	51.06	46.86	2.93	0.506	0.464	581	474	0.852	-0.062	0.294	2.8	34.3	34.4	8.5	2.6	24.1	24.8	23.7	19.6	10
G	504	775	16.55	28.28	2.91	0.346	0.592	547	600	0.36	-0.103	0.97	-30.3	17.8	35.1	149	1.57	10.1	10.7	11.2	9.6	7
C	380	579	18.87	30.01	17.27	0.285	0.453	499	605	0.386	-0.575	0.39	-33.1	-16.4	37.0	206	1.66	11.6	12.2	12.7	10.9	3
B	380	504	8.25	7.13	16.28	0.26	0.225	474	581	0.688	-2.281	1.93	-2.8	-34.3	34.4	265	0.9	-17.8	-17.5	-22.9	-19.0	2
M	579	504	42.76	25.16	16.3	0.504	0.305	547	547	1.13	-0.633	0.54	30.3	-17.8	35.1	329	14.2	7.7	8.3	8.8	7.6	2
W	380	775	59.31																			