

$XYZ_W=95.04, 100.0, 108.89$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$
 $B_2 = 2,5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0,4$
 $x_c = 0,110, B_c = 0,800$
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald-Farben (o), $C_{AB,2} = \text{const}$

Farbenraum ($C_{AB,2} \triangleright L^*_{TuR}$)

$L^*_{TuR} = 50 + 40[Y_R \log(S)]$

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

Name Bereich X Y Z x N_y λ_a λ_c a₂

R	567	575	34	32	24	19	6	55	0.527	0.371	0.196	489	1.122	-0.086	0.57	30.6	15.8	34.4	27	1.34	56.2	56.8	57.3	56.3
Y	493	775	42	71	52.04	9.77	4.41	0.493	0.570	0.463	0.61	-0.061	0.287	-0.6	36.8	36.8	9.1	2.84	76.8	77.6	76.0	71.1	62.8	
G	493	567	14.07	31.24	9.77	4.41	0.493	0.570	0.463	0.61	-0.061	0.287	-0.6	36.8	36.8	9.1	2.84	76.8	77.6	76.0	71.1	62.8		
C	380	567	22.7	35.8	58.77	0.193	0.305	0.489	0.966	0.273	-0.523	0.385	-30.6	-15.8	34.4	207	1.08	66.3	67.0	67.0	64.5			
B	380	493	14.3	8.75	55.56	0.181	0.111	0.463	0.70	0.646	-0.021	1.682	0.6	-36.8	36.8	271	0.48	35.5	35.8	32.0	34.8			
M	567	493	42.93	26.95	55.58	0.342	0.214	0.535	0.335	1.08	-0.659	0.559	31.3	-20.9	37.6	326	4.99	58.9	59.5	60.0	58.6			
W	380	775	51.32	54.0	58.8	0.312	0.329	0.546	0.616	-0.348	0.01	0.0	0.0	0.0	178	0.33	29.4	29.7	22.6	27.8				
N	380	775	5.7	6.0	6.53	0.312	0.329	0.6	0.616	-0.348	0.01	0.0	0.0	0.0	189	1.0	49.5	50.0	50.0	50.0				
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	189	1.0	49.5	50.0	50.0	50.0				

fgc81-5a

$XYZ_W=96.42, 100.0, 82.49$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$
 $B_2 = 2,5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0,4$
 $x_c = 0,110, B_c = 1,000$
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald-Farben (o), $C_{AB,2} = \text{const}$

Farbenraum ($C_{AB,2} \triangleright L^*_{TuR}$)

$L^*_{TuR} = 50 + 40[Y_R \log(S)]$

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

Name Bereich X Y Z x N_y λ_a λ_c a₂

R	570	775	36.93	25.19	4.97	0.55	0.375	0.598	491	1.172	-0.078	0.573	32.4	15.8	36.1	25	1.39	57.2	57.8	58.3	57.2
Y	496	775	45.67 <td>51.13</td> <td>6.99</td> <td>0.44</td> <td>0.492</td> <td>0.573</td> <td>0.468</td> <td>0.609</td> <td>-0.084</td> <td>0.275</td> <td>1.5</td> <td>35.1</td> <td>35.2</td> <td>8.7</td> <td>2.8</td> <td>76.7</td> <td>77.5</td> <td>75.9</td> <td>71.2</td>	51.13	6.99	0.44	0.492	0.573	0.468	0.609	-0.084	0.275	1.5	35.1	35.2	8.7	2.8	76.7	77.5	75.9	71.2
G	496	570	14.52	31.93	6.97	0.271	0.597	0.538	0.580	0.27	-0.068	0.456	-30.8	19.3	36.4	147	1.77	63.2	63.9	64.2	62.2
C	380	570	20.92	34.8	44.52	0.208	0.347	0.491	0.988	0.284	-0.511	0.415	-32.4	-15.8	36.1	205	1.93	65.5	66.2	66.3	63.9
B	380	496	12.17	8.86	42.5	0.191	0.139	0.468	0.573	0.585	-1.917	0.589	-1.5	-35.1	35.2	267	0.49	35.7	36.0	32.3	35.0
M	570	496	43.32	28.06	42.52	0.38	0.246	0.538	0.538	1.097	-0.606	0.19	30.8	-19.3	36.4	327	1.55	59.9	60.5	61.0	59.1
W	380	775	52.06	54.0	44.54	0.345	0.358	0.546	0.657	-0.329	0.01	0.0	0.0	0.0	180	0.33	29.4	29.7	22.6	27.8	
N	380	775	5.78	6.0	4.94	0.345	0.358	0.6	0.657	-0.329	0.01	0.0	0.0	0.0	189	1.0	49.5	50.0	50.0	50.0	
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	189	1.0	49.5	50.0	50.0	50.0	

fgc81-6a

$XYZ_W=100.93, 100.0, 64.68$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$
 $B_2 = 2,5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0,4$
 $x_c = 0,110, B_c = 1,300$
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald-Farben (o), $C_{AB,2} = \text{const}$

Farbenraum ($C_{AB,2} \triangleright L^*_{TuR}$)

$L^*_{TuR} = 50 + 40[Y_R \log(S)]$

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

Name Bereich X Y Z x N_y λ_a λ_c a₂

R	573	775	39.74	25.74	3.9	0.572	0.371	0.600	493 <th>1.247</th> <th>-0.078</th> <th>0.589</th> <th>34.1</th> <th>16.5</th> <th>37.9</th> <th>25</th> <th>1.43</th> <th>57.8</th> <th>58.3</th> <th>58.8</th> <th>57.7</th>	1.247	-0.078	0.589	34.1	16.5	37.9	25	1.43	57.8	58.3	58.8	57.7
Y	498	775	49.53	51.76	5.83	0.462	0.483	0.576	0.468	0.729	-0.058	0.278	1.5	35.9	35.9	8.7	2.8	77.1	77.9	76.2	71.4
G	498	573	15.84	32.01	5.8	0.295	0.596	0.540	0.31	-0.084	0.473	-32.5	19.3	37.8	149	1.79	63.3	64.0	64.3	62.2	
C	380	573	20.81	34.25	34.91	0.231	0.38	0.493	0.600	0.318	-0.523	0.443	-34.1	-16.5	37.9	205	1.9	65.1	65.8	65.9	63.6
B	380	498	11.02	8.23	32.98	0.21	0.157	0.468	0.576	0.64	-2.083	1.748	-1.5	-35.9	35.9	267	0.45	34.4	34.8	30.5	33.6
M	573	498	44.17	27.98	33.0	0.423	0.264	0.540	0.540	1.182	-0.613	0.541	32.5	-19.3	37.8	329	1.55	59.8	60.4	60.9	59.4
W	380	775	54.5	54.0	34.93	0.379	0.376	0.546	0.717	-0.336	0.01	0.0	0.0	0.0	180	0.33	29.4	29.7	22.6	27.1	
N	380	775	6.05	6.0	3.88	0.379	0.376	0.6	0.717	-0.336	0.01	0.0	0.0	0.0	189	1.0	49.5	50.0	50.0	50.0	
U	380	775	18.16	18.0	11.64	0.379	0.376	18%	0.717	-0.336	0.01	0.0	0.0	169	1.0	49.5	50.0	50.0	50.0		

fgc81-7a

$XYZ_W=109.84, 99.99, 35.58$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$
 $B_2 = 2,5 (b_2 - b_{2,n}) Y$
 $a_2 = a_{20} [(x - x_c) / y]$
 $b_2 = b_{20} B_c [z / y]$
 $a_{20} = 1, b_{20} = -0,4$
 $x_c = 0,110, B_c = 2,500$
 $C_{AB,2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald-Farben (o), $C_{AB,2} = \text{const}$

Farbenraum ($C_{AB,2} \triangleright L^*_{TuR}$)

$L^*_{TuR} = 50 + 40[Y_R \log(S)]$

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

Name Bereich X Y Z x N_y λ_a λ_c a₂

R	579	775	44.93	26.64	2.15	0.609 <th>0.361 <th>0.605 <th>499 <th>1.381</th> <th>0.08</th> <th>0.618</th> <th>36.8</th> <th>18.3</th> <th>41.1</th> <th>26</th> <th>1.48</th> <th>58.6</th> <th>59.2</th> <th>59.7</th> <th>58.4</th> </th></th></th>	0.361 <th>0.605 <th>499 <th>1.381</th> <th>0.08</th> <th>0.618</th> <th>36.8</th> <th>18.3</th> <th>41.1</th> <th>26</th> <th>1.48</th> <th>58.6</th> <th>59.2</th> <th>59.7</th> <th>58.4</th> </th></th>	0.605 <th>499 <th>1.381</th> <th>0.08</th> <th>0.618</th> <th>36.8</th> <th>18.3</th> <th>41.1</th> <th>26</th> <th>1.48</th> <th>58.6</th> <th>59.2</th> <th>59.7</th> <th>58.4</th> </th>	499 <th>1.381</th> <th>0.08</th> <th>0.618</th> <th>36.8</th> <th>18.3</th> <th>41.1</th> <th>26</th> <th>1.48</th> <th>58.6</th> <th>59.2</th> <th>59.7</th> <th>58.4</th>	1.381	0.08	0.618	36.8	18.3	41.1	26	1.48	58.6	59.2	59.7	58.4
Y	504	775	56.73	52.06	3.25	0.506	0.464	0.581	0.474	0.852	-0.062	0.294	3.1	38.1	38.3	8.5	2.89	77.3	78.1	76.3	71.5
G	504	579	18.39	34.32	3.23	0.346	0.592	0.547	0.390	-0.103	0.497	-33.6	19.8	39.1	149	1.79	62.8	63.5	63.8	61.0	
C	380	579	20.97	31.45	31.99	0.285	0.453	0.499	0.605	0.386	-0.375	0.495	-36.8	-18.3	41.1	206	1.95	64.4	65.0	65.3	63.0
B	380	504	9.17	7.93	18.09	0.26	0.225	0.474	0.581	0.668	-2.228	1.932	-3.1	-38.1	38.3	265	0.44	33.8	34.1	29.6	32.9
M	579	504	47.51	28.81	11.01	0.504	0.303	0.547	0.547	1.3	-0.633	0.547	33.6	-19.8	39.1	329	1.58	60.4	61.0	61.4	59.9
W	380	775	59.31	53.99	19.21	0.447	0.407	0.546	0.828	-0.355	0.01	0.0	0.0	0.0	176	0.33	29.4	29.7	22.6	27.1	
N	380	775	6.59	5.99	2.13	0.447	0.407	0.6	0.828	-0.355	0.01	0.0	0.0	0.0	166	1.0	49.5	50.0	50.0	50.0	
U	380	775	19.77	17.99	6.4	0.447	0.407	18%	0.828	-0.355	0.01	0.0	0.0	166	1.0	49.5	50.0	50.0	50.0		

fgc81-8a