

$XYZ_W = 96.42, 100.0, 82.49$

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

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

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

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

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

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

$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

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

Farbenraum ($C_{AB,2}, L^*_{TUr}$)

$L^*_{TUr} = 50 + 40[Y_r / \log(5)]$

Lichtart D50, $Y_W = 90.0, Y_N = 3.6$

Name	Bereich	X	Y	Z	x	y	λ_d	λ_c	a_2	B_2	c_2	A_2	B_2	$C_{AB,2}$	$h_{AB,2}$	Y_r	I_{CIE}	L^*_{Clr}	L^*_{TUr}	L^*_{TAr}
R	570_775	59.53	38.15	3.01	0.591	0.378598	491	1.27	-0.031	0.681	58.4	28.4	65.0	25	2.11	18.1	18.8	18.6	15.7	
Y	496_775	75.27	84.84	6.65	0.451	0.508573	468	0.67	-0.011	0.299	2.8	63.3	63.4	87	4.71	43.8	44.7	38.5	29.3	
G	496_570	19.2	50.29	6.61	0.252	0.66	538	0.215	-0.052	0.521	-55.5	34.8	65.6	147	2.79	26.2	27.0	25.5	20.9	
C	380_570	30.71	55.44	74.2	0.191	0.345491	598	0.235	-0.535	0.469	-58.4	-28.4	65.0	205	3.08	29.2	30.0	27.9	22.6	
B	380_496	14.97	8.75	70.56	0.158	0.092468	573	0.526	-3.223	3.896	-2.8	-63.3	63.4	267	6.48	-14.4	-14.1	-17.9	-15.1	
M	570_496	71.04	43.31	70.6	0.384	0.234538	538	1.17	-0.652	0.506	55.5	-34.8	65.6	327	2.4	21.7	22.4	21.8	18.1	
W	380_775	86.78	90.0	74.24	0.345	0.358	90%		0.657	-0.329	0.01	0.0	0.0	0.0	0	4.99	45.9	46.9	40.0	30.1
N	380_775	3.47	3.6	2.96	0.345	0.358	3%		0.657	-0.329	0.01	0.0	0.0	0.0	18	0.19	-27.6	-27.4	-40.0	-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	18	1.0	-0.4	0.0	0.0	0.0

-74 Parameter:

L^*_{TUr} & Name

$Y_r = Y/18,$

$L' = L^* - 50$

$L'_{TUr} = L^*_{TUr} - 50$

