

$XYZ_w = 109.84, 99.99, 35.58$

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

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

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

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

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

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

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

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

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

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

Lichtart A00, $Y_w = 100.0, Y_N = 0.1$

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	L^*_{TUr}	L^*_{TUr}	L^*_{TUr}
R	579_775	79.88	43.01	0.04	0.649	0.349605	499	1.542	-0.001	0.797	76.7	38.1	85.7	26	2.38	21.5	22.2	21.6	18.0
Y	504_775	104.4795	97	2.33	0.515	0.473581	474	0.856	-0.024	0.332	6.6	79.5	79.8	85	5.33	48.4	49.4	41.5	31.0
G	504_579	24.59	52.96	2.29	0.307	0.663547	547	0.298	-0.043	0.615	-70.1	41.3	81.4	149	2.94	27.8	28.6	26.8	21.8
C	380_579	29.97	56.99	35.54	0.244	0.465499	605	0.289	-0.643	0.601	-76.7	-38.1	85.7	206	3.16	30.1	30.9	28.6	23.1
B	380_504	5.38	4.03	33.24	0.126	0.094474	581	0.172	-8.24	7.917	-6.6	-79.5	79.8	265	0.22	-26.2	-25.9	-37.1	-28.5
M	579_504	85.26	47.04	33.28	0.514	0.284547	547	1.425	-0.707	0.692	70.1	-41.3	81.4	329	2.61	24.2	24.9	23.8	19.7
W	380_775	109.8499	99	35.58	0.447	0.407	100%	0.828	-0.355	0.01	0.0	0.0	0.0	0	5.55	50.0	51.0	42.6	31.5
N	380_775	0.01	0.0	0.0	0.445	0.405	0%	0.827	-0.355	0.01	0.0	0.0	0.0	180	0.0	-49.9	-49.9	-186.2	-49.8
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

-74 Parameter:

L^*_{TUr} & Name

$Y_r = Y/18,$

$L' = L^* - 50$

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

