

$XYZ_W=95.04, 100.0, 108.89$

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

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

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

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

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

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

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

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

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

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

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

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^*_{CIE}	L^*_{CIE}	L^*_{TUr}	L^*_{TUr}
R	567_775	34.32	24.19	6.55	0.527	0.371	596	409	1.122	-0.086	0.57	30.6	15.8	34.4	27	1.34	6.2	6.8	7.3	6.3
Y	493_775	42.71	51.24	9.77	0.411	0.493	570	463	0.61	-0.061	0.287	-0.6	36.8	36.8	91	2.84	26.8	27.6	26.0	21.2
G	493_567	14.09	33.04	9.75	0.247	0.58	535	535	0.237	-0.054	0.456	-31.3	20.9	37.6	146	1.83	14.2	14.8	15.1	12.8
C	380_567	22.7	35.8	58.77	0.193	0.305	489	596	0.273	-0.525	0.385	-30.6	-15.8	34.4	207	1.58	16.3	17.0	17.0	14.5
B	380_493	14.3	8.75	55.56	0.181	0.111	463	570	0.646	-2.03	1.682	0.6	-36.8	36.8	271	0.48	-14.4	-14.1	-17.9	-15.1
M	567_493	42.93	26.95	55.58	0.342	0.214	535	535	1.00	-0.659	0.559	31.3	-20.9	37.6	326	1.49	8.9	9.5	10.0	8.6
W _d	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	0	3.0	28.4	29.2	27.3	22.1
N _d	380_775	5.7	6.0	6.53	0.312	0.329	6%		0.616	-0.348	0.01	0.0	0.0	0.0	178	0.33	-20.5	-20.2	-27.3	-22.1
U _d	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	180	1.0	-0.4	0.0	0.0	0.0

fgc31-5a

-74 Parameter:

L^*_{TUr} & Name

$Y_r = Y/18,$

$L' = L^* - 50$

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

