

$$XYZ_w = 95.04, 100.0, 108.89$$
$$A_2 = 2,5 (a_2 - a_{2,n}) Y$$
$$B_2 = 2,5 (b_2 - b_{2,n}) Y$$
$$a_2 = a_{20} \left[(x - x_0) / y \right]$$
$$b_z = b_{z0} B_z |z/v|$$
$$a_{70} = 1, \quad b_{70} = -0,4$$
$$x_+ = 0.110, \quad B_+ = 0.800$$
$$C_{\text{app}} = [A_0^2 + B_0^2]^{1/2}$$

6 Ostwald-Farben

Farbenraum ($C = I^*$)
$$I_s = -50 + 10[V_{gs}(E)]$$
$$L_{\text{TUR}}^* = 30 + 40 [1 - \log(5)]$$
Lichtart D65, $Y_w=72.0$, $Y_N=4.5$

Name	Bereich	X	Y	Z	x	y	λ_d	λ_c	a_2	b_2	c_2	A_2	B_2	C	$h_{AR,2}$	Y_r	L'_{Clr}	L'_{TDr}	L'_{TAr}	
R	567_775	44.52	30.08	4.93	0.559	0.378	596	489	1.189	-0.052	0.645	43.0	22.2	48.5	27	1.67	11.7	12.3	12.7	10.9
Y	493_775	56.33	68.12	9.45	0.42	0.508	570	463	0.61	-0.044	0.304	-0.9	51.7	51.7	91	3.78	36.0	36.9	33.0	26.0
G	493_567	16.08	42.53	9.42	0.236	0.625	535	535	0.202	-0.01	0.498	-44.0	29.5	53.0	146	2.35	21.2	21.9	21.3	17.8
C	380_567	28.18	46.41	78.36	0.184	0.303	489	596	0.244	-0.54	0.418	-43.0	-22.2	48.5	207	2.57	23.8	24.5	23.5	19.4
B	380_493	16.37	8.37	73.84	0.166	0.084	463	570	0.66	-2.82	2.472	0.9	-51.7	51.7	271	0.46	-15.2	-14.8	-19.0	-16.0
M	567_493	56.62	33.96	73.87	0.344	0.206	535	535	1.134	-0.696	0.624	44.0	-29.5	53.0	326	1.88	14.9	15.5	15.7	13.4
W	380_775	68.43	72.0	78.4	0.312	0.329	72%		0.616	-0.348	0.01	0.0	0.0	0.0	0	4.0	37.9	38.8	34.4	26.9
N	380_775	4.27	4.5	4.9	0.312	0.329	4%		0.616	-0.348	0.01	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9
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	180	1.0	-0.4	0.0	0.0	0.0

fig31-1a

