

$$XYZ_w = 100.93, 100.0, 64.68$$
$$A_2 = 2,5 (a_2 - a_{2,n}) Y$$
$$B_2 = 2,5 (b_2 - b_{2,n}) Y$$
$$a_2 = a_{20} [(x - x_0)/y]$$
$$b_z = b_{z0} B_z [z/y]$$
$$a_{30} = 1, \quad b_{30} = -0,4$$
$$x_c = 0,110, B_c = 1,300$$
$$C_{\text{app}} = [A_0^2 + B_0^2]^{1/2}$$

6 Ostwald-Farben

Farbenraum (C_{max}, L^*)
$$I^* = 50 + 40[\log(5)]$$
$$L_{\text{TUF}}^{-50} + 40 [L_{\text{TUF}} / 10 \log(5)]$$
Lichtart P40, $Y_w=72.0$, $Y_s=4.5$

Name	Bereich	X	Y ^m	Z	x	y	λ_d	λ_c	a_2	b_2	c_2	A_2	B_2	$C_{AR,2}$	$h_{AR,2}$	Y_{fr}	L_{CH}	L'_{CH}	L'_{TU}	L'_{TA}
R	573_775	51.92	32.27	2.94	0.595	0.37	600	493	1.311	-0.047	0.661	47.9	23.3	53.3	25	1.79	13.5	14.2	14.5	12.4
Y ^a	498_775	65.68	68.85	5.65	0.468	0.491	576	468	0.729	-0.042	0.294	2.2	50.5	50.6	87	3.82	36.4	37.3	33.3	26.2
G ^a	498_573	18.3	41.08	5.62	0.281	0.631	540	540	0.271	-0.071	0.518	-45.7	27.2	53.2	149	2.33	20.2	20.9	20.5	17.1
C ^a	380_573	25.29	44.22	46.54	0.217	0.381	493	600	0.283	-0.547	0.482	-47.9	-23.3	53.3	206	2.45	22.3	23.1	22.3	18.5
B ^a	380_498	11.52	7.64	43.83	0.182	0.121	468	576	0.601	-2.983	2.649	-2.2	-50.5	50.6	267	0.42	-16.7	-16.4	-21.2	-17.7
M ^a	573_498	58.9	35.41	43.86	0.426	0.256	540	540	1.234	-0.644	0.601	45.7	-27.2	53.2	329	1.96	16.0	16.7	16.8	14.2
W ^a	380_775	72.67	72.0	46.57	0.379	0.376	72%		0.717	-0.336	0.01	0.0	0.0	0.0	0	4.0	37.9	38.8	34.4	26.9
N ^a	380_775	4.54	4.5	2.91	0.379	0.376	4%		0.717	-0.336	0.01	0.0	0.0	0.0	180	0.25	-24.7	-24.4	-34.4	-26.9
U ^a	380_775	18.16	18.0	11.64	0.379	0.376	18%		0.717	-0.336	0.01	0.0	0.0	0.0	180	1.0	-0.4	0.0	0.0	0.0

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