

$$XYZ_w=95.04, 100.0, 108.89$$

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

$$B_1 = 2,5 (b_1 - b_{1, \infty}) Y$$

$$d_2 = d_{y0} [(x - x_c) / y]$$

$$b_+ = b_{+0} B_+ [z/y]$$

$$a_{y0} = 1, \quad b_{y0} = -0,4$$

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

$$C_{AB} = [A_s^2 + B_s^2]^{1/2}$$

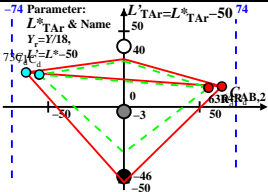
6 Ostwald-Farben (o), $C_{\lambda, \text{Ost}} = \text{const}$

Farbenraum ($C_{100}^* L^*_{100}$)

$$J_{\text{AB}}^* = 50 + 50 [e^{\frac{AB}{T}} + e^{-\frac{AB}{T}}] / [e^{\frac{X}{T}} + e^{\frac{X}{T}}]$$

$$V = V/18 \quad r = \log[V]$$

Lichtart DCF $V_{\text{max}} = 0.0$ $V_{\text{min}} = 2.6$



Name	Bereich	X	Y ^W	Z	x	y ^N	λ _d	λ _c	a ₂	b ₂	c ₂	A ₂	B ₂	C _{AB,2}	h _{AB,2}	Y _r	L _{CH} '	L _{CH} '	L _{TU} '	L _{Ta} '
R	567_775	49.44	32.71	3.56	0.576	0.381596	489	1.223	-0.034	0.683	49.6	25.6	55.8	27	1.81	13.9	14.5	14.8	12.6	
Y ^a	493_775	63.04	76.53	8.77	0.424	0.515570	463	0.61	-0.036	0.311	-1.0	59.6	59.6	91	4.25	40.1	41.0	35.9	27.8	
G ^a	493_567	16.67	47.05	8.74	0.23	0.649535	535	0.184	-0.059	0.519	-50.7	33.9	61.0	146	2.61	24.2	24.9	23.8	19.7	
C ^a	380_567	30.61	51.52	88.16	0.179	0.302489	596	0.23	-0.547	0.433	-49.6	-25.6	55.8	207	2.86	26.9	27.7	26.1	21.3	
B ^a	380_493	17.01	7.7	82.95	0.158	0.071463	570	0.671	-3.444	3.096	1.0	-59.6	59.6	271	0.42	-16.6	-16.2	-21.0	-17.6	
M ^a	567_493	63.38	37.18	82.98	0.345	0.202535	535	1.161	-0.714	0.656	50.7	-33.9	61.0	326	2.06	17.4	18.0	18.0	15.2	
W ^d	380_775	85.53	90.0	98.0	0.312	0.329	90%	0.616	-0.348	0.01	0.0	0.0	0.0	0	4.99	45.9	46.9	40.0	30.1	
N ^d	380_775	3.42	3.6	3.92	0.312	0.329	3%	0.616	-0.348	0.01	0.0	0.0	0.0	180	0.19	-27.6	-27.4	-40.0	-30.1	
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	184	1.0	-0.4	0.0	0.0	0.0	

fig40-5a