

Elementary colour and CIE illuminant		CIELAB data, CIE tristimulus values and CIE chromaticity for the CIE standard illuminants D65 and A and the 2 degree observer									
CIE-test colour	Ill.	L^*	a^*	b^*	C^*_{ab}	h_{ab}	X	Y	Z	x	y
09, Red R_e	D65	40,04	58,98	28,32	65,43	25,7	20,64	11,27	4,34	0,5693	0,3110
10, Yellow Y_e		81,30	-2,99	71,82	71,89	92,4	54,89	59,01	12,02	0,4359	0,4686
11, Green G_e		52,27	-42,40	13,64	44,54	162,2	12,15	20,38	15,34	0,2538	0,4258
12, Blue B_e		30,52	1,21	-46,35	46,37	271,5	6,24	6,45	27,59	0,1550	0,1601
09, Red R_e	A	47,79	61,74	42,56	74,99	34,6	33,54	16,63	1,36	0,6509	0,3227
10, Yellow Y_e		83,82	7,06	70,78	71,13	84,3	73,49	63,71	4,63	0,5181	0,4492
11, Green G_e		49,00	-35,96	4,34	36,22	173,1	12,80	17,60	5,56	0,3560	0,4893
12, Blue B_e		25,14	-17,25	-56,25	58,83	253,0	3,60	4,46	9,15	0,2094	0,2591