

Names and colorimetric characteristics of colour difference data sets

Group	Name	Short name and number of pairs	Mean colour difference ΔE^*_{ab}	Background Tristimulus value and lightness		Background Illuminance and luminance	
				Y	L*	E [lux]	L [cd/m] ²
LCD	OSA	OS_0128	14,32	18.4	50.0	1000	58
	MUNSELL	MU_0844	10,05	18.4	50.0	1000	58
	POINTER	PO_1308	8,9	18.4	50.0	1000	58
	GUAN	GU_0292	11,42	18.4	50.0	1000	58
	ZHU	ZH_0144	9,91	18.4	50.0	1000	58
	BADU-P	BA_0238	11,74	18.4	50.0	1000	58
	RICHTER-L	RL_0080	11,11	17.0	48.2	1108	60
	KITTELMANN-L	KL_0624	21,21	18.6	50.3	958	56
ELCD	VIK-R	VR_0118	36	24.9	57.0	1000	79
	KITTELMANN-R	KR_0128	36	24.9	57.0	1000	79
	MELGOSA-R	MR_0146?	36	24.9	57.0	1000	79

Remarks:

Group LCD = Large Colour Differences

Group ELCD = Extra Large Colour Differences

MUNSELL, POINTER, RICHTER-L, and KITTELMANN-L

use the CIE 2 degree observer

OSA, GUAN, ZHU, and BADU-P use the CIE 10 degree observer

Group ELCD uses CIE 2 degree observer