

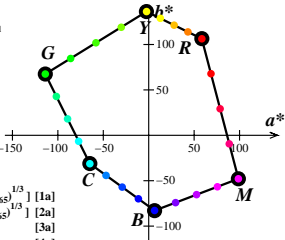
# Ostw data $rgb^*$ , $XYZ_{xy}$ , and $LabC^*h_{ab}$ in the CIELAB-colour space

Tristimulus values of black and white:  $Y_N=0,0$ ,  $Y_W=88,6$

## $LabC^*h_{ab}$ data

$rgb^*_d$   $L^*_d$   $a^*_d$   $b^*_d$   $C^*_{ab,d}$   $h_{ab,d}$

$R_d$	1	0	0	67	58	106	121	61
$Y_d$	1	1	0	88	-2	136	136	91
$G_d$	0	1	0	80	-113	67	132	149
$C_d$	0	1	1	77	-64	-31	71	205
$B_d$	0	0	1	46	6	-82	83	274
$M_d$	1	0	1	62	98	-47	109	334
$N_d$	0	0	0	0	0	0	0	0
$W_d$	1	1	1	95	0	0	0	0



$$a^* = 500 \left[ \left( \frac{X}{X_{D65}} \right)^{1/3} - \left( \frac{Y}{Y_{D65}} \right)^{1/3} \right] \quad [1a]$$

$$b^* = 200 \left[ \left( \frac{Y}{Y_{D65}} \right)^{1/3} - \left( \frac{Z}{Z_{D65}} \right)^{1/3} \right] \quad [2a]$$

$$C^*_{ab} = \left[ a^{*2} + b^{*2} \right]^{0,5} \quad [3a]$$

$$h_{ab} = \text{atan} \left[ b^* / a^* \right] \quad [4a]$$