

WCGa colours (9 steps) with $L^*(Ch)_{ab}$ in the CIELAB-colour space

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

Tristimulus values of black and white: $Y_{Nn}=12,4$, $Y_{Wn}=39,7$, $Y_{Za}=18$.

CIELAB lightness L^*

white W_n

$L^*(Ch)_{ab,Wn}=69, 0, 0$

$rgb^*_{Wn}=1, 1, 1$

100

9 steps

$L^*(Ch)_{ab,R}=55, 147, 40$

$L^*(Ch)_{ab,Rn}=51, 49, 19$

$rgb^*_{Rn}=1, 0, 0$

9 steps

black N_n

$L^*(Ch)_{ab,Nn}=41, 0, 0$

$rgb^*_{Nn}=0, 0, 0$

9 steps

100

CIELAB chroma C^*_{ab}

0

0

100

red R_n