

## Colour-line element of *Helmholz*

(1896) with „colour values”  $L_P$ ,  $M_D$ ,  $S_T$

three separate colour-response functions

$$F(L_P) = i L_P$$

$$F(M_D) = j M_D$$

$$F(S_T) = k S_T$$

*Taylor-derivations:*

$$\Delta F(L_P, M_D, S_T) = \frac{dF}{dL_P} \Delta L_P + \frac{dF}{dM_D} \Delta M_D + \frac{dF}{dS_T} \Delta S_T$$

$$\Delta F(L_P, M_D, S_T) = \frac{i}{L_P} \Delta L_P + \frac{j}{M_D} \Delta M_D + \frac{k}{S_T} \Delta S_T$$