

relative IECsRGB lightness

with $Y_u = 90/5 = 18$, $Y_{ux} = 7/5 = 1,4$

 L^*/L^*

2+100

relative normalized IECsRGB data

IECsRGB lightness for all colours with $L^*_u=50$:

$$L^*_{\text{IECsRGB}} = s(Y/Y_u)^{1/2,4} \quad (s=50, Y_u=18, 1/255 < Y < 100)$$

(s=50, $Y_{ii}=1,4$, $1/255 < Y < 7$)

1+10

$L^*_u=50, Y_u=18$

$$\log[(L^*)/(L^*_{\text{II}})]=0, \quad m_{\text{II}}=0,41$$

application
range

0.1

1

$$Y_N=4$$
$$\mathbf{Y} = \mathbf{I}$$

V

 $\log(Y$

BEU91-2A