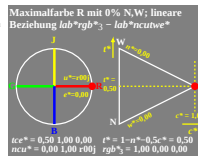


Scheck-Farbmeter basierend auf 3 Elementarfarben RGB³
 $R \leftrightarrow R^*, G^*, B^*, C^*_{RGB}, M^*_{RGB}$ $T^* \leftrightarrow 77$ für Normgerät SR518
 Dreiecks-Koordinaten RGB³ mit Normenwinkeln 30, 150, 270 Grad
 $R^* = R^*_{RGB}, G^* = G^*_{RGB}, B^* = B^*_{RGB}$
 $C^*_{RGB} = \max(R^*, G^*, B^*) - \min(R^*, G^*, B^*)$
 Schwarzhit $N^*_{RGB} = 1 - \max(R^*, G^*, B^*)$
 Dreiecks-Helligkeit $T^*_{RGB} = 1 - N^*_{RGB} = 0,5 \cdot C^*_{RGB}$
 RG-Buntheit $A^*_{RGB} = \cos(30)R^* + \sin(150)G^*$
 JB-Buntheit $B^*_{RGB} = \sin(30)R^* + \sin(150)G^* + \sin(270)B^*$
 Buntenwinkel $H^*_{RGB} = \arctan \left[\frac{B^*_{RGB}}{A^*_{RGB}} \right]$

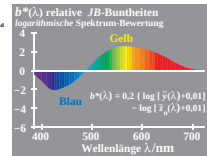
YG860-1



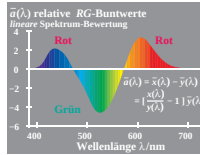
YG860-2

Scheck-Farbmeter basierend auf 3 Elementarfarben RGB³
 $R \leftrightarrow R^*, G^*, B^*, C^*_{RGB}, M^*_{RGB}$ $T^* \leftrightarrow 77$ für Normgerät SR518
 Dreiecks-Koordinaten RGB³ mit Normenwinkeln 30, 150, 270 Grad
 $R^* = R^*_{RGB}, G^* = G^*_{RGB}, B^* = B^*_{RGB}$
 $C^*_{RGB} = \max(R^*, G^*, B^*) - \min(R^*, G^*, B^*)$
 Schwarzhit $N^*_{RGB} = 77 - \max(R^*, G^*, B^*)$
 Dreiecks-Helligkeit $T^*_{RGB} = 77 - N^*_{RGB} = 0,5 \cdot C^*_{RGB}$
 RG-Buntheit $A^*_{RGB} = \cos(30)R^* + \sin(150)G^*$
 JB-Buntheit $B^*_{RGB} = \sin(30)R^* + \sin(150)G^* + \sin(270)B^*$
 Buntenwinkel $H^*_{RGB} = \arctan \left[\frac{B^*_{RGB}}{A^*_{RGB}} \right]$

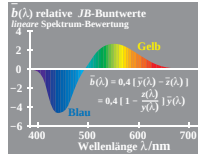
YG860-3



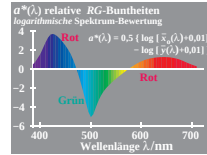
YG860-2



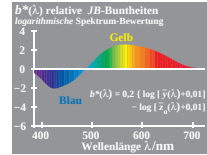
YG860-3



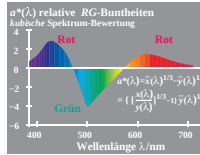
YG860-4



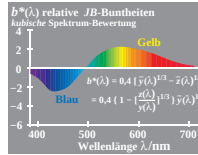
YG860-3



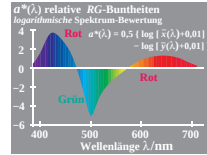
YG860-4



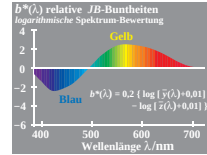
YG860-5



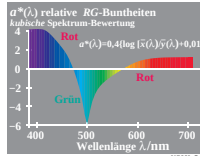
YG860-6



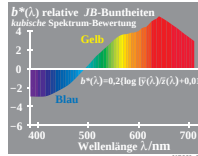
YG860-5



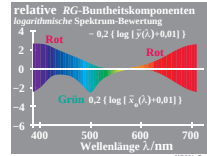
YG860-6



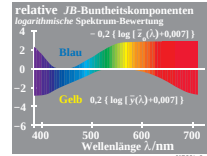
YG860-7



YG860-8



YG860-7



YG860-8