

**$XYZ_{w_{10}}=96.72, 99.99, 81.41$**

$$A_{2,10} = 2,5 (a_{2,10} - a_{2,0,10}) Y_{10}$$

$$B_{2,10} = 2,5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$$

$$a_{2,10} = a_{20} [ (x_{10} - x_c) / y_{10} ]$$

$$b_{2,10} = b_{20} [x_{10}/y_{10}]$$

$$a_m = 1, b_m = -0,4$$

$$x_c = 0,110, B_c = 1,000$$

$$C_{AB2.10} = [A_{2.10}^2 + B_{2.10}^2]^{1/2}$$

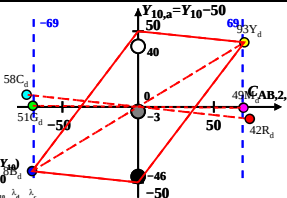
### 6 Ostwald-Farben (o)

von maximalem (m)  $C_{AR,10}$

**linearen Farbenraum ( $C_{AB,2.10}, Y_{10}$ )**

Lichtart D50,  $Y_{w,10}=100$ ,  $Y_{s,10}=0$ 

| Name  | Bereich | $X_{d,10}$ | $Y_{d,10}$ | $Z_{d,10}$ | $x_{d,10}$ | $y_{d,10}$ | $\lambda_d$ | $\lambda_c$ |
|-------|---------|------------|------------|------------|------------|------------|-------------|-------------|
| $R_d$ | 565_775 | 65.87      | 42.12      | 0.16       | 0.609      | 0.3894     | 594         | 484         |
| $Y_d$ | 490_775 | 83.5       | 92.67      | 5.5        | 0.4596     | 0.51       | 568         | 463         |
| $G_d$ | 490_565 | 17.81      | 50.74      | 5.5        | 0.2405     | 0.685      | 531         | 531c        |
| $C_d$ | 380_565 | 31.04      | 58.07      | 81.41      | 0.182      | 0.3405     | 484         | 594         |
| $B_d$ | 380_490 | 13.41      | 7.52       | 76.06      | 0.1382     | 0.0775     | 463         | 568         |
| $M_d$ | 565_490 | 79.1       | 49.45      | 76.06      | 0.3865     | 0.2416     | 531c        | 531         |
| $W_d$ | 380_775 | 96.72      | 99.99      | 81.41      | 0.3477     | 0.3595     | 100%        |             |
| $N_d$ | 380_775 | 0.09       | 0.09       | 0.08       | 0.3476     | 0.3594     | 0%          |             |
| $Z_d$ | 380_775 | 17.41      | 17.99      | 14.65      | 0.3477     | 0.3595     | 18%         |             |



**Parameter:**

### Y10 & Name

Lichtart D50

$$Y_{W,10} = 100, Y_{N,10} = 0$$

BG050-2A