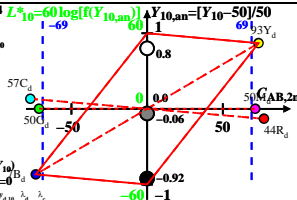


$XYZ_{W,10} = 101.75, 100.0, 64.44$   
 $A_{2,10} = 2,5 (a_{2,10} - a_{2,n,10}) Y_{10}$   
 $B_{2,10} = 2,5 B_c (b_{2,10} - b_{2,n,10}) Y_{10}$   
 $a_{2,10} = a_{20} [(x_{10} - x_c) / y_{10}]$   
 $b_{2,10} = b_{20} [z_{10} / y_{10}]$   
 $a_{20} = 1, b_{20} = -0,4$   
 $x_c = 0,110, B_c = 1,300$   
 $C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

**6 Ostwald colours (o)**  
 of maximum (m)  $C_{AB,10}$  in  
 linear colour space ( $C_{AB,2,10} Y_{10}$ )  
 Illumin. P40,  $Y_{W,10} = 100, Y_{N,10} = 0$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	$\lambda_d$	$\lambda_c$
$R_d$	569_775	71.44	43.5	0.12	0.6208	0.378	597	487
$Y_d$	492_775	91.3	93.44	3.86	0.484	0.4954	572	465
$G_d$	492_569	20.05	50.14	3.86	0.2708	0.677	535	535c
$C_d$	380_569	30.5	56.69	64.44	0.2011	0.3738	487	597
$B_d$	380_492	10.65	6.75	60.71	0.1363	0.0864	465	572
$M_d$	569_492	81.89	50.05	60.71	0.425	0.2598	535c	535
$W_d$	380_775	101.75	100.0	64.44	0.3822	0.3756	100%	
$N_d$	380_775	0.1	0.1	0.06	0.382	0.3755	0%	
$Z_d$	380_775	18.31	18.0	11.6	0.3822	0.3756	18%	



$f(Y_{10,an}) = \pm [1 + 10 |Y_{10,an}|^n]$   
 $n$  increases to 1 for:  
 1. decreasing of the contrast  $C$   
 2. adjacent compared to separate colours.

**Parameter:**  
 $Y_{10}$  & Name  
 Illuminant P40  
 $Y_{W,10} = 100, Y_{N,10} = 0$