

$XYZ_{W,10} = 97.65, 100.0, 118.42$

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

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

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

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

$a_{20} = 1, b_{20} = -0,4$

$x_c = 0,110, B_c = 0,700$

$C_{AB,2,10} = [A_{2,10}^2 + B_{2,10}^2]^{1/2}$

6 Ostwald colours (o)

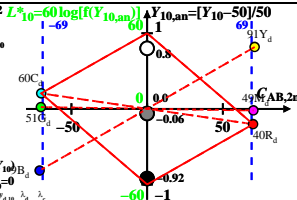
of maximum (m)  $C_{AB,10}$  in

linear colour space  $(C_{AB,2,10} Y_{10})_{B_d}$

Illumin. Q00,  $Y_{W,10} = 100, Y_{N,10} = 0$

Name Range  $X_{d,10}$   $Y_{d,10}$   $Z_{d,10}$   $x_{d,10}$   $y_{d,10}$   $\lambda_d$   $\lambda_c$

R <sub>d</sub>	561_775	60.93	39.91	0.23	0.6028	0.3948	593	481
Y <sub>d</sub>	486_775	77.48	90.9	6.21	0.4437	0.5206	566	459
G <sub>d</sub>	486_561	16.74	51.18	6.21	0.2258	0.6903	530	530c
C <sub>d</sub>	380_561	36.9	60.28	118.42	0.1711	0.2796	481	593
B <sub>d</sub>	380_486	20.35	9.29	112.44	0.1432	0.0654	459	566
M <sub>d</sub>	561_486	81.1	49.01	112.44	0.3343	0.202	530c	530
W <sub>d</sub>	380_775	97.65	100.0	118.42	0.3089	0.3163	100%	
N <sub>d</sub>	380_775	0.09	0.1	0.11	0.3088	0.3162	0%	
Z <sub>d</sub>	380_775	17.57	18.0	21.31	0.3089	0.3163	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 Q00  
 $Y_{W,10} = 100, Y_{N,10} = 0$