

$XYZ_{W,10} = 99.99, 99.99, 100.0$

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

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

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

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

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

$x_c = 0,110, B_c = 0,900$

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

6 Ostwald colours (o)

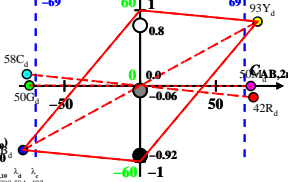
of maximum (m) $C_{AB,10}$ in

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

Illumin. E00, $Y_{W,10} = 100, Y_{N,10} = 0$

Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	564_775	66.2	42.43	0.2	0.6082	0.3898	594	482
Y_d	487_775	83.17	92.54	6.46	0.4565	0.5079	568	459
G_d	487_564	17.17	50.3	6.46	0.2322	0.6803	530	530c
C_d	380_564	33.98	57.76	100.0	0.1772	0.3012	482	594
B_d	380_487	17.01	7.65	93.74	0.1436	0.0646	459	568
M_d	564_487	83.01	49.89	93.74	0.3662	0.2201	530c	530
W_d	380_775	99.99	99.99	100.0	0.3333	0.3333	100%	
N_d	380_775	0.09	0.09	0.1	0.3331	0.3332	0%	
Z_d	380_775	17.99	17.99	18.0	0.3333	0.3333	18%	

$L^*_{10} = 60 \log[f(Y_{10,an})]$ $Y_{10,an} = [Y_{10} - 50] / 50$



$f(Y_{10,an}) = \pm [1 + 10 |Y_{10,an}|^n]$

- n increases to 1 for:
1. decreasing of the contrast C
 2. adjacent compared to separate colours.

Parameter:
 Y_{10} & Name
 Illuminant E00
 $Y_{W,10} = 100, Y_{N,10} = 0$