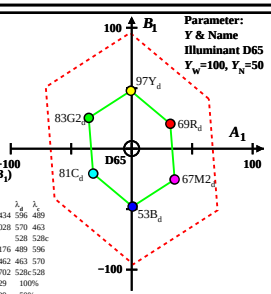
XYZ_W=95.04 , 100.0 , 108.89
$A_1 = 2{,}5\,(a_1 - a_{1n})\,Y$
$B_1 = 2{,}5\,B_1\,(b_1 - b_{1n})\,Y$
$a_1 = a_{20}\,[\,(x - x_c)/y\,]$
$b_1 = b_{20}\,[\,z/y\,]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_1 = 1{,}000$
$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) C_{AB} in
chromatic value diagram (A_1, B_1)

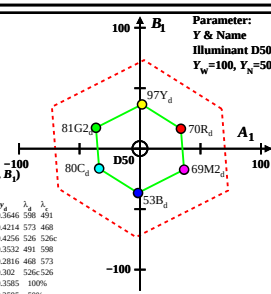


Illumin. D65, Y_W=100, Y_N=50

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567_775	77.4	69.03	54.57	0.385	0.3434	596	489
Y_d	493_775	86.13	97.18	57.92	0.357	0.4028	570	463
G2$_d$	476_575	59.45	82.66	64.53	0.2876	0.4	528	528c
C_d	380_567	65.3	81.11	108.92	0.2557	0.3176	489	596
B_d	380_493	56.57	52.96	105.57	0.2629	0.2462	463	570
M2$_d$	575_476	83.25	67.48	98.96	0.3334	0.2702	528c	528
W_d	380_775	95.04	100.0	108.89	0.3127	0.329	100%	
N_d	380_775	47.52	50.0	54.44	0.3127	0.329	50%	
Z_d	380_775	17.1	18.0	19.6	0.3127	0.329	18%	

BER50−1A

XYZ_W=96.42 , 100.0 , 82.49
$A_1 = 2{,}5\,(a_1 - a_{1n})\,Y$
$B_1 = 2{,}5\,B_1\,(b_1 - b_{1n})\,Y$
$a_1 = a_{20}\,[\,(x - x_c)/y\,]$
$b_1 = b_{20}\,[\,z/y\,]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_1 = 1{,}000$
$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) C_{AB} in
chromatic value diagram (A_1, B_1)

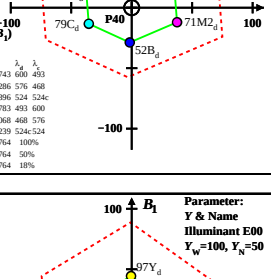


Illumin. D50, Y_W=100, Y_N=50

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570_775	80.72	70.07	41.35	0.42	0.3646	598	491
Y_d	496_775	89.81	97.06	43.46	0.3899	0.4214	573	468
G2$_d$	474_575	59.98	81.41	49.85	0.3136	0.4256	526	526c
C_d	380_570	64.05	80.07	82.51	0.2826	0.3532	491	598
B_d	380_496	54.96	53.08	80.4	0.2916	0.2816	468	573
M2$_d$	575_474	84.79	68.73	74.01	0.3726	0.302	526c	526
W_d	380_775	96.42	100.0	82.49	0.3457	0.3585	100%	
N_d	380_775	48.21	50.0	41.24	0.3457	0.3585	50%	
Z_d	380_775	17.35	18.0	14.84	0.3457	0.3585	18%	

BER50−2A

XYZ_W=100.93 , 100.0 , 64.68
$A_1 = 2{,}5\,(a_1 - a_{1n})\,Y$
$B_1 = 2{,}5\,B_1\,(b_1 - b_{1n})\,Y$
$a_1 = a_{20}\,[\,(x - x_c)/y\,]$
$b_1 = b_{20}\,[\,z/y\,]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_1 = 1{,}000$
$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) C_{AB} in
chromatic value diagram (A_1, B_1)

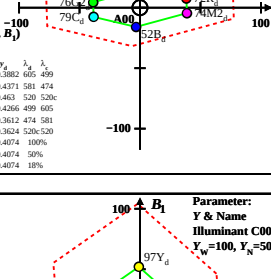


Illumin. P40, Y_W=100, Y_N=50

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	573_775	85.62	70.65	32.43	0.4537	0.3743	600	493
Y_d	498_775	95.81	97.72	34.43	0.4202	0.4286	576	468
G2$_d$	461_575	61.96	79.57	39.45	0.3423	0.4396	524	524c
C_d	380_573	65.92	79.49	64.69	0.3137	0.3783	493	600
B_d	380_498	55.73	52.42	62.69	0.3262	0.3068	468	576
M2$_d$	575_461	89.58	70.57	57.67	0.4112	0.3239	524c	524
W_d	380_775	100.93	100.0	64.68	0.3799	0.3764	100%	
N_d	380_775	50.46	50.0	32.34	0.3799	0.3764	50%	
Z_d	380_775	18.16	18.0	11.64	0.3799	0.3764	18%	

BER50−3A

XYZ_W=109.84 , 99.99 , 35.58
$A_1 = 2{,}5\,(a_1 - a_{1n})\,Y$
$B_1 = 2{,}5\,B_1\,(b_1 - b_{1n})\,Y$
$a_1 = a_{20}\,[\,(x - x_c)/y\,]$
$b_1 = b_{20}\,[\,z/y\,]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_1 = 1{,}000$
$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) C_{AB} in
chromatic value diagram (A_1, B_1)

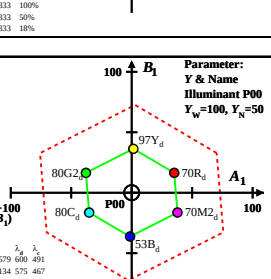


Illumin. A00, Y_W=100, Y_N=50

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	579_775	94.93	71.58	17.84	0.5149	0.3882	605	499
Y_d	504_775	107.21	98.04	18.99	0.4781	0.4371	581	474
G2$_d$	575_575	65.81	76.29	22.65	0.3994	0.463	520	520c
C_d	380_579	70.0	78.56	35.57	0.3801	0.4266	499	605
B_d	380_504	57.72	52.1	34.43	0.4001	0.3612	474	581
M2$_d$	575_575	99.11	73.85	30.77	0.4864	0.3624	520c	520
W_d	380_775	109.84	99.99	35.58	0.4475	0.4074	100%	
N_d	380_775	54.92	49.99	17.79	0.4475	0.4074	50%	
Z_d	380_775	19.77	17.99	6.4	0.4475	0.4074	18%	

BER50−4A

XYZ_W=100.0 , 100.0 , 100.0
$A_1 = 2{,}5\,(a_1 - a_{1n})\,Y$
$B_1 = 2{,}5\,B_1\,(b_1 - b_{1n})\,Y$
$a_1 = a_{20}\,[\,(x - x_c)/y\,]$
$b_1 = b_{20}\,[\,z/y\,]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_1 = 1{,}000$
$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) C_{AB} in
chromatic value diagram (A_1, B_1)

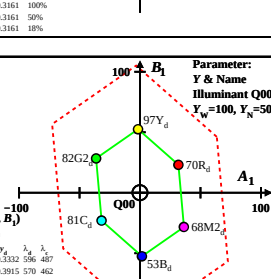


Illumin. E00, Y_W=100, Y_N=50

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	570_775	82.79	70.26	50.12	0.4074	0.3458	598	489
Y_d	494_775	91.73	97.45	53.1	0.3786	0.4022	573	463
G2$_d$	471_575	61.62	81.1	58.95	0.3055	0.4021	528	528c
C_d	380_570	67.35	79.88	100.02	0.2724	0.323	489	598
B_d	380_494	58.41	52.69	97.05	0.2806	0.2531	463	573
M2$_d$	575_471	88.52	69.04	91.19	0.3558	0.2775	528c	528
W_d	380_775	100.0	100.0	100.0	0.3333	0.3333	100%	
N_d	380_775	50.0	50.0	50.0	0.3333	0.3333	50%	
Z_d	380_775	18.0	18.0	18.0	0.3333	0.3333	18%	

BER50−5A

XYZ_W=98.07 , 100.0 , 118.22
$A_1 = 2{,}5\,(a_1 - a_{1n})\,Y$
$B_1 = 2{,}5\,B_1\,(b_1 - b_{1n})\,Y$
$a_1 = a_{20}\,[\,(x - x_c)/y\,]$
$b_1 = b_{20}\,[\,z/y\,]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_1 = 1{,}000$
$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) C_{AB} in
chromatic value diagram (A_1, B_1)

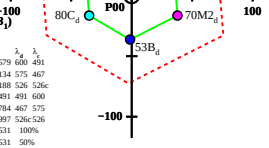


Illumin. C00, Y_W=100, Y_N=50

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567_775	79.69	69.69	59.25	0.3819	0.334	596	487
Y_d	492_775	88.31	97.06	62.69	0.3559	0.3912	571	463
G2$_d$	474_575	61.18	82.3	69.67	0.287	0.386	529	529c
C_d	380_567	67.55	80.45	118.25	0.2537	0.3021	487	596
B_d	380_492	58.94	53.08	114.82	0.2598	0.234	463	571
M2$_d$	575_474	86.07	67.84	107.84	0.3288	0.2592	529c	529
W_d	380_775	98.07	100.0	118.22	0.31	0.3161	100%	
N_d	380_775	49.03	50.0	59.11	0.31	0.3161	50%	
Z_d	380_775	17.65	18.0	21.28	0.31	0.3161	18%	

BER50−6A

XYZ_W=102.06 , 100.0 , 81.06
$A_1 = 2{,}5\,(a_1 - a_{1n})\,Y$
$B_1 = 2{,}5\,B_1\,(b_1 - b_{1n})\,Y$
$a_1 = a_{20}\,[\,(x - x_c)/y\,]$
$b_1 = b_{20}\,[\,z/y\,]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_1 = 1{,}000$
$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) C_{AB} in
chromatic value diagram (A_1, B_1)

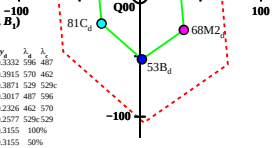


Illumin. P00, Y_W=100, Y_N=50

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	572_775	85.59	70.37	40.63	0.4353	0.3579	600	491
Y_d	496_775	95.45	97.28	42.56	0.4056	0.4134	575	467
G2$_d$	464_575	62.48	79.89	48.37	0.3275	0.4188	526	526c
C_d	380_572	67.65	79.77	81.07	0.296	0.3491	491	600
B_d	380_496	57.8	52.86	79.14	0.3045	0.2784	467	575
M2$_d$	575_464	90.76	70.25	73.33	0.3872	0.2997	526c	526
W_d	380_775	102.06	100.0	81.06	0.3604	0.3531	100%	
N_d	380_775	51.03	50.0	40.53	0.3604	0.3531	50%	
Z_d	380_775	18.37	18.0	14.59	0.3604	0.3531	18%	

BER50−7N

XYZ_W=97.93 , 100.0 , 118.95
$A_1 = 2{,}5\,(a_1 - a_{1n})\,Y$
$B_1 = 2{,}5\,B_1\,(b_1 - b_{1n})\,Y$
$a_1 = a_{20}\,[\,(x - x_c)/y\,]$
$b_1 = b_{20}\,[\,z/y\,]$
$a_{20} = 1,\ b_{20} = -0{,}4$
$x_c = 0{,}110,\ B_1 = 1{,}000$
$C_{AB1} = [A_1^2 + B_1^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) C_{AB} in
chromatic value diagram (A_1, B_1)



Illumin. Q00, Y_W=100, Y_N=50

Name	Range	X_d	Y_d	Z_d	x_d	y_d	λ_d	λ_c
R_d	567_775	79.52	69.54	59.62	0.381	0.3332	596	487
Y_d	492_775	87.99	97.23	63.08	0.3543	0.3915	570	462
G2$_d$	474_575	60.76	82.31	69.53	0.2858	0.3871	529	529c
C_d	380_567	67.52	80.6	118.98	0.2527	0.3017	487	596
B_d	380_492	59.04	52.91	115.52	0.2595	0.2326	462	570
M2$_d$	575_474	86.27	67.83	109.07	0.3278	0.2577	529c	529
W_d	380_775	97.93	100.0	118.95	0.309	0.3155	100%	
N_d	380_775	48.96	50.0	59.47	0.309	0.3155	50%	
Z_d	380_775	17.62	18.0	21.41	0.309	0.3155	18%	

BER50−8A