XYZ$_{W,10}$=94.81 , 100.0 , 107.33

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

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

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

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

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

$x_n = 0{,}110,\ B_c = 0{,}800$

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

6 *Ostwald* colours (o)

of maximum (m) $C_{AB,10}$ in linear colour space ($C_{AB,2,10}$, Y_{10})

Illumin. D65, $Y_{W,10}$=100, $Y_{N,10}$=4

Name	Range	$X_{4,10}$	$Y_{4,10}$	$Z_{4,10}$	$x_{4,10}$	$y_{4,10}$	λ_d	λ_c
R_o	561_775	61.2	41.5	4.4	0.5714	0.3874	593	482
Y_o	487_775	77.67	91.8	10.73	0.431	0.5094	566	461
G_o	487_561	20.35	54.39	10.73	0.2381	0.6363	529	529c
C_o	380_561	37.49	62.6	107.33	0.1807	0.3017	482	593
B_o	380_487	21.02	12.3	101.0	0.1565	0.0915	461	566
M_o	561_487	78.35	49.7	101.0	0.342	0.2169	529c	529
W	380_775	94.81	100.0	107.33	0.3137	0.3309	100%	
N_o	380_775	3.79	4.0	4.29	0.3137	0.3309	4%	
Z_o	380_775	17.06	18.0	19.32	0.3137	0.3309	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.

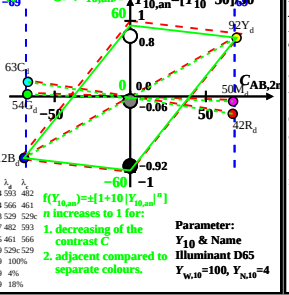
Parameter:

Y_{10} & Name

Illuminant D65

$Y_{W,10}$=100, $Y_{N,10}$=4

BEQ60-1A



XYZ$_{W,10}$=96.72 , 99.99 , 81.41

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

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

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

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

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

$x_n = 0{,}110,\ B_c = 1{,}000$

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

6 *Ostwald* colours (o)

of maximum (m) $C_{AB,10}$ in linear colour space ($C_{AB,2,10}$, Y_{10})

Illumin. D50, $Y_{W,10}$=100, $Y_{N,10}$=4

Name	Range	$X_{4,10}$	$Y_{4,10}$	$Z_{4,10}$	$x_{4,10}$	$y_{4,10}$	λ_d	λ_c
R_o	565_775	67.08	44.39	3.33	0.5842	0.3866	594	484
Y_o	490_775	84.02	92.96	8.47	0.453	0.5012	568	463
G_o	490_565	20.9	52.67	8.47	0.2547	0.6419	531	531c
C_o	380_565	33.6	59.71	81.41	0.1923	0.3417	484	594
B_o	380_490	16.67	11.14	76.27	0.1601	0.107	463	568
M_o	565_490	79.79	51.43	76.27	0.3845	0.2478	531c	531
W	380_775	96.72	99.99	81.41	0.3477	0.3595	100%	
N_o	380_775	3.86	3.99	3.25	0.3477	0.3595	4%	
Z_o	380_775	17.41	17.99	14.65	0.3477	0.3595	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.

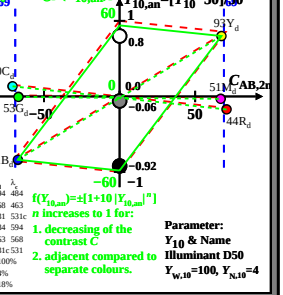
Parameter:

Y_{10} & Name

Illuminant D50

$Y_{W,10}$=100, $Y_{N,10}$=4

BEQ60-2A



XYZ$_{W,10}$=101.75 , 100.0 , 64.44

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

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

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

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

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

$x_n = 0{,}110,\ B_c = 1{,}300$

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

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, $Y_{N,10}$=4

Name	Range	$X_{4,10}$	$Y_{4,10}$	$Z_{4,10}$	$x_{4,10}$	$y_{4,10}$	λ_d	λ_c
R_o	569_775	72.63	45.3	2.64	0.6003	0.3778	597	487
Y_o	492_775	91.71	93.7	6.23	0.4785	0.4889	572	465
G_o	492_569	23.25	52.09	6.23	0.285	0.6385	535	535c
C_o	380_569	33.29	58.38	64.44	0.2132	0.3739	487	597
B_o	380_492	14.21	10.39	60.86	0.1662	0.1216	465	572
M_o	569_492	82.67	52.01	60.86	0.4227	0.2659	535c	535
W	380_775	101.75	100.0	64.44	0.3822	0.3756	100%	
N_o	380_775	4.07	4.0	2.57	0.3822	0.3756	4%	
Z_o	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.

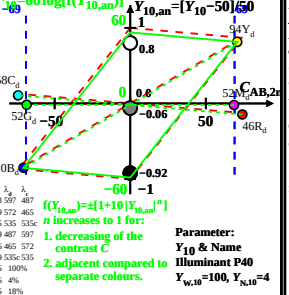
Parameter:

Y_{10} & Name

Illuminant P40

$Y_{W,10}$=100, $Y_{N,10}$=4

BEQ60-3A



XYZ$_{W,10}$=111.15 , 99.99 , 35.19

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

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

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

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

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

$x_n = 0{,}110,\ B_c = 2{,}500$

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

6 *Ostwald* colours (o)

of maximum (m) $C_{AB,10}$ in linear colour space ($C_{AB,2,10}$, Y_{10})

Illumin. A00, $Y_{W,10}$=100, $Y_{N,10}$=4

Name	Range	$X_{4,10}$	$Y_{4,10}$	$Z_{4,10}$	$x_{4,10}$	$y_{4,10}$	λ_d	λ_c
R_o	575_775	78.2	43.68	1.44	0.6341	0.3541	606	493
Y_o	498_775	105.9	495.27	3.55	0.5173	0.4652	577	469
G_o	498_575	32.29	55.69	3.55	0.3528	0.6083	546	546c
C_o	380_575	37.5	60.42	35.2	0.2817	0.4538	493	606
B_o	380_498	9.76	8.82	33.08	0.1889	0.1708	469	577
M_o	575_498	83.41	48.41	33.08	0.5058	0.2935	546c	546
W	380_775	111.15	99.99	35.19	0.4511	0.4059	100%	
N_o	380_775	4.44	3.99	1.4	0.4511	0.4059	4%	
Z_o	380_775	20.0	18.0	6.33	0.4511	0.4059	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.

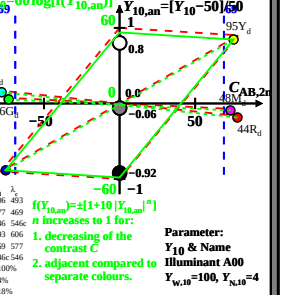
Parameter:

Y_{10} & Name

Illuminant A00

$Y_{W,10}$=100, $Y_{N,10}$=4

BEQ60-4A



XYZ$_{W,10}$=99.99 , 99.99 , 100.0

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

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

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

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

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

$x_n = 0{,}110,\ B_c = 0{,}900$

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

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, $Y_{N,10}$=4

Name	Range	$X_{4,10}$	$Y_{4,10}$	$Z_{4,10}$	$x_{4,10}$	$y_{4,10}$	λ_d	λ_c
R_o	564_775	67.52	44.68	4.1	0.5805	0.3841	594	482
Y_o	487_775	83.83	92.83	10.12	0.4488	0.4969	568	459
G_o	487_564	20.41	52.25	10.12	0.2465	0.6311	530	530c
C_o	380_564	36.56	59.41	100.01	0.1865	0.3031	482	594
B_o	380_487	20.25	11.26	93.99	0.1613	0.0897	459	568
M_o	564_487	83.68	51.85	93.99	0.3645	0.2259	530c	530
W	380_775	99.99	99.99	100.0	0.3333	0.3333	100%	
N_o	380_775	3.99	3.99	4.0	0.3332	0.3333	4%	
Z_o	380_775	17.99	17.99	18.0	0.3333	0.3333	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.

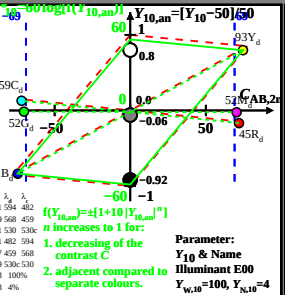
Parameter:

Y_{10} & Name

Illuminant E00

$Y_{W,10}$=100, $Y_{N,10}$=4

BEQ60-5A



XYZ$_{W,10}$=97.28 , 99.99 , 116.14

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

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

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

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

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

$x_n = 0{,}110,\ B_c = 0{,}700$

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

6 *Ostwald* colours (o)

of maximum (m) $C_{AB,10}$ in linear colour space ($C_{AB,2,10}$, Y_{10})

Illumin. C00, $Y_{W,10}$=100, $Y_{N,10}$=4

Name	Range	$X_{4,10}$	$Y_{4,10}$	$Z_{4,10}$	$x_{4,10}$	$y_{4,10}$	λ_d	λ_c
R_o	561_775	62.57	42.58	4.76	0.5692	0.3874	593	481
Y_o	486_775	78.58	90.93	10.65	0.4361	0.5046	567	461
G_o	486_561	20.0	52.44	10.65	0.2407	0.6311	530	530c
C_o	380_561	38.7	61.52	116.14	0.1788	0.2843	481	593
B_o	380_486	22.69	13.17	110.26	0.1552	0.0901	461	567
M_o	561_486	81.27	51.65	110.26	0.3342	0.2124	530c	530
W	380_775	97.28	99.99	116.14	0.3103	0.319	100%	
N_o	380_775	3.89	3.99	4.64	0.3103	0.319	4%	
Z_o	380_775	17.51	18.0	20.9	0.3103	0.319	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.

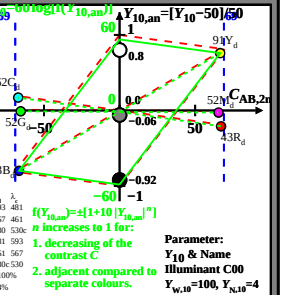
Parameter:

Y_{10} & Name

Illuminant C00

$Y_{W,10}$=100, $Y_{N,10}$=4

BEQ60-6A



XYZ$_{W,10}$=102.37 , 99.99 , 81.25

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

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

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

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

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

$x_n = 0{,}110,\ B_c = 1{,}000$

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

6 *Ostwald* colours (o)

of maximum (m) $C_{AB,10}$ in linear colour space ($C_{AB,2,10}$, Y_{10})

Illumin. P00, $Y_{W,10}$=100, $Y_{N,10}$=4

Name	Range	$X_{4,10}$	$Y_{4,10}$	$Z_{4,10}$	$x_{4,10}$	$y_{4,10}$	λ_d	λ_c
R_o	567_775	71.25	45.3	3.33	0.595	0.3771	597	484
Y_o	489_775	89.42	93.52	8.2	0.4677	0.4892	571	461
G_o	489_567	22.36	52.46	8.2	0.2693	0.6318	533	533c
C_o	380_567	35.31	58.94	81.25	0.2012	0.3358	484	597
B_o	380_489	17.15	10.57	76.38	0.1647	0.1016	461	571
M_o	567_489	84.21	51.64	76.38	0.3967	0.2433	533c	533
W	380_775	102.37	99.99	81.25	0.3609	0.3525	100%	
N_o	380_775	4.09	3.99	3.25	0.3609	0.3525	4%	
Z_o	380_775	18.42	18.0	14.62	0.3609	0.3525	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.

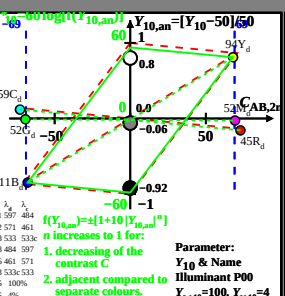
Parameter:

Y_{10} & Name

Illuminant P00

$Y_{W,10}$=100, $Y_{N,10}$=4

BEQ60-7A



XYZ$_{W,10}$=97.65 , 100.0 , 118.42

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

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

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

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

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

$x_n = 0{,}110,\ B_c = 0{,}700$

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

6 *Ostwald* colours (o)

of maximum (m) $C_{AB,10}$ in linear colour space ($C_{AB,2,10}$, Y_{10})

Illumin. Q00, $Y_{W,10}$=100, $Y_{N,10}$=4

Name	Range	$X_{4,10}$	$Y_{4,10}$	$Z_{4,10}$	$x_{4,10}$	$y_{4,10}$	λ_d	λ_c
R_o	561_775	62.37	42.26	4.85	0.5696	0.3859	593	481
Y_o	486_775	78.27	91.26	10.59	0.4345	0.5066	566	459
G_o	486_561	19.9	53.09	10.59	0.2381	0.6351	530	530c
C_o	380_561	39.28	61.84	118.42	0.1789	0.2816	481	593
B_o	380_486	23.37	12.84	112.68	0.157	0.0862	459	566
M_o	561_486	81.75	51.0	112.68	0.3333	0.2078	530c	530
W	380_775	97.65	100.0	118.42	0.3089	0.3163	100%	
N_o	380_775	3.9	4.0	4.73	0.3089	0.3163	4%	
Z_o	380_775	17.57	18.0	21.31	0.3089	0.3163	18%	

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

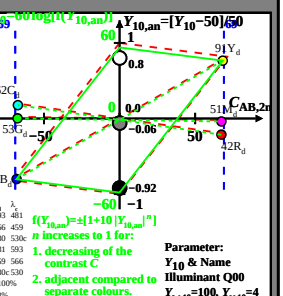
***n* increases to 1 for:**

1. decreasing of the contrast *C*
2. adjacent compared to separate colours.

Parameter:

Y_{10} & Name

Illuminant Q00

$Y_{W,10}$=100, $Y_{N,10}$=4

BEQ60-8A