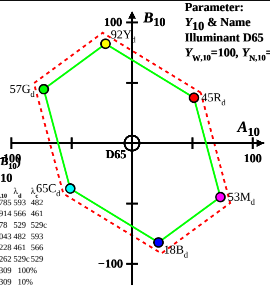
see similar files: http://farbe.li.tu-berlin.de/BEM7/BEM7.HTM
technical information: http://farbe.li.tu-berlin.de or http://farbe.li.tu-berlin.de/

$XYZ_{W,10}$=94.81 , 100.0 , 107.33
$A_{10} = 2,5\ (a_{10} - a_{n10})\ Y_{10}$
$B_{10} = 2,5\ B_c\ (b_{10} - b_{n10})\ Y_{10}$
$a_{10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}000,\ B_c = 1{,}000$
$C_{AB10}=[A_{10}^2+B_{10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. D65, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant D65
$Y_{W,10}$=100, $Y_{N,10}$=10

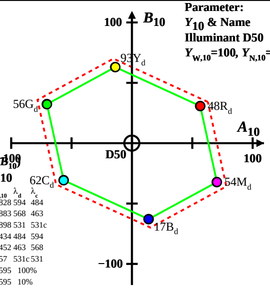


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	63.31	45.16	10.84	0.5306	0.3785	593	482
Y_d	487_775	78.75	92.32	16.77	0.4192	0.4914	566	461
G_d	487_561	25.01	57.25	16.77	0.2525	0.578	529	529c
C_d	380_561	41.08	64.94	107.34	0.1925	0.3043	482	593
B_d	380_487	25.64	17.78	101.4	0.177	0.1228	461	566
M_d	561_487	79.38	52.85	101.4	0.3397	0.2262	529c	529
W_d	380_775	94.81	100.0	107.33	0.3137	0.3309	100%	
N_d	380_775	9.48	10.0	10.73	0.3137	0.3309	10%	
Z_d	380_775	17.06	18.0	19.32	0.3137	0.3309	18%	

BEM70−1A

$XYZ_{W,10}$=96.72 , 99.99 , 81.41
$A_{10} = 2,5\ (a_{10} - a_{n10})\ Y_{10}$
$B_{10} = 2,5\ B_c\ (b_{10} - b_{n10})\ Y_{10}$
$a_{10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}000,\ B_c = 1{,}000$
$C_{AB10}=[A_{10}^2+B_{10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. D50, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant D50
$Y_{W,10}$=100, $Y_{N,10}$=10

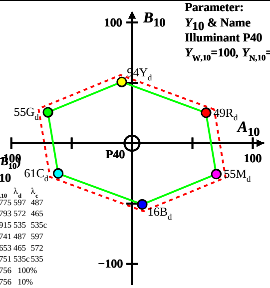


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	565_775	68.94	47.87	8.22	0.5513	0.3828	594	484
Y_d	490_775	84.82	93.4	13.03	0.4434	0.4883	568	463
G_d	490_565	25.64	55.63	13.03	0.2719	0.5898	531	531c
C_d	380_565	37.55	62.23	81.41	0.2072	0.3434	484	594
B_d	380_490	21.68	16.7	76.6	0.1885	0.1452	463	568
M_d	565_490	80.85	54.47	76.6	0.3815	0.257	531c	531
W_d	380_775	96.72	99.99	81.41	0.3477	0.3595	100%	
N_d	380_775	9.67	9.99	8.14	0.3477	0.3595	10%	
Z_d	380_775	17.41	17.99	14.65	0.3477	0.3595	18%	

BEM70−2A

$XYZ_{W,10}$=101.75 , 100.0 , 64.44
$A_{10} = 2,5\ (a_{10} - a_{n10})\ Y_{10}$
$B_{10} = 2,5\ B_c\ (b_{10} - b_{n10})\ Y_{10}$
$a_{10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}000,\ B_c = 1{,}000$
$C_{AB10}=[A_{10}^2+B_{10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. P40, $Y_{W,10}$=100, $Y_{N,10}$=10

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

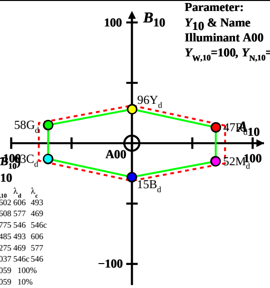


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	569_775	74.46	49.11	6.5	0.5724	0.3775	597	487
Y_d	492_775	92.34	94.1	9.87	0.4703	0.4793	572	465
G_d	492_569	28.16	55.09	9.87	0.3024	0.5915	535	535c
C_d	380_569	37.57	60.99	64.45	0.2304	0.3741	487	597
B_d	380_492	19.69	16.0	61.08	0.2034	0.1653	465	572
M_d	569_492	83.87	55.01	61.08	0.4194	0.2751	535c	535
W_d	380_775	101.75	100.0	64.44	0.3822	0.3756	100%	
N_d	380_775	10.17	10.0	6.44	0.3822	0.3756	10%	
Z_d	380_775	18.31	18.0	11.6	0.3822	0.3756	18%	

BEM70−3A

$XYZ_{W,10}$=111.15 , 99.99 , 35.19
$A_{10} = 2,5\ (a_{10} - a_{n10})\ Y_{10}$
$B_{10} = 2,5\ B_c\ (b_{10} - b_{n10})\ Y_{10}$
$a_{10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}000,\ B_c = 1{,}000$
$C_{AB10}=[A_{10}^2+B_{10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. A00, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant A00
$Y_{W,10}$=100, $Y_{N,10}$=10

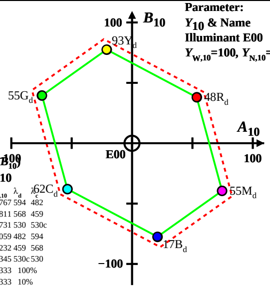


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	575_775	80.27	47.2	3.55	0.6126	0.3602	606	493
Y_d	498_775	106.28	95.57	5.53	0.5124	0.4608	577	469
G_d	498_575	37.23	58.46	5.53	0.3677	0.5775	546	546c
C_d	380_575	42.11	62.9	35.2	0.3003	0.4485	493	606
B_d	380_498	16.1	14.53	33.22	0.2522	0.2275	469	577
M_d	575_498	85.15	51.64	33.22	0.5008	0.3037	546c	546
W_d	380_775	111.15	99.99	35.19	0.4511	0.4059	100%	
N_d	380_775	11.11	9.99	3.51	0.4511	0.4059	10%	
Z_d	380_775	20.0	18.0	6.33	0.4511	0.4059	18%	

BEM70−4A

$XYZ_{W,10}$=99.99 , 99.99 , 100.0
$A_{10} = 2,5\ (a_{10} - a_{n10})\ Y_{10}$
$B_{10} = 2,5\ B_c\ (b_{10} - b_{n10})\ Y_{10}$
$a_{10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}000,\ B_c = 1{,}000$
$C_{AB10}=[A_{10}^2+B_{10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. E00, $Y_{W,10}$=100, $Y_{N,10}$=10

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

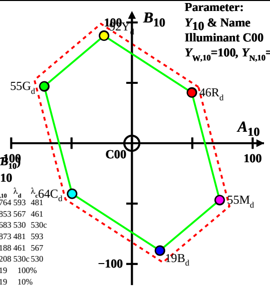


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	564_775	69.56	48.14	10.1	0.5442	0.3767	594	482
Y_d	487_775	84.85	93.29	15.74	0.4376	0.4811	568	459
G_d	487_564	25.39	55.24	15.74	0.2634	0.5731	530	530c
C_d	380_564	40.53	61.96	100.01	0.2001	0.3059	482	594
B_d	380_487	25.24	16.81	94.37	0.185	0.1232	459	568
M_d	564_487	84.7	54.86	94.37	0.362	0.2345	530c	530
W_d	380_775	99.99	99.99	100.0	0.3333	0.3333	100%	
N_d	380_775	9.99	9.99	10.0	0.3333	0.3333	10%	
Z_d	380_775	17.99	17.99	18.0	0.3333	0.3333	18%	

BEM70−5A

$XYZ_{W,10}$=97.28 , 99.99 , 116.14
$A_{10} = 2,5\ (a_{10} - a_{n10})\ Y_{10}$
$B_{10} = 2,5\ B_c\ (b_{10} - b_{n10})\ Y_{10}$
$a_{10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}000,\ B_c = 1{,}000$
$C_{AB10}=[A_{10}^2+B_{10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. C00, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant C00
$Y_{W,10}$=100, $Y_{N,10}$=10

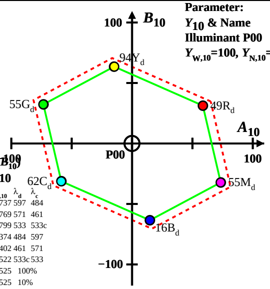


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	64.74	46.17	11.73	0.5278	0.3764	593	481
Y_d	486_775	79.76	91.5	17.25	0.4231	0.4853	567	461
G_d	486_561	24.84	55.42	17.25	0.2547	0.5683	530	530c
C_d	380_561	42.37	63.93	116.15	0.1904	0.2873	481	593
B_d	380_486	27.36	18.6	110.63	0.1747	0.1188	461	567
M_d	561_486	82.28	54.68	110.63	0.3323	0.2208	530c	530
W_d	380_775	97.28	99.99	116.14	0.3103	0.319	100%	
N_d	380_775	9.72	9.99	11.61	0.3103	0.319	10%	
Z_d	380_775	17.51	18.0	20.9	0.3103	0.319	18%	

BEM70−6A

$XYZ_{W,10}$=102.37 , 99.99 , 81.25
$A_{10} = 2,5\ (a_{10} - a_{n10})\ Y_{10}$
$B_{10} = 2,5\ B_c\ (b_{10} - b_{n10})\ Y_{10}$
$a_{10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}000,\ B_c = 1{,}000$
$C_{AB10}=[A_{10}^2+B_{10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. P00, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant P00
$Y_{W,10}$=100, $Y_{N,10}$=10

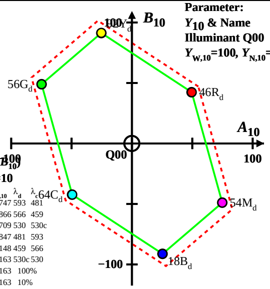


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	567_775	73.2	48.59	8.2	0.563	0.3737	597	484
Y_d	489_775	90.23	93.93	12.77	0.4581	0.4769	571	461
G_d	489_567	27.36	55.43	12.77	0.2863	0.5799	533	533c
C_d	380_567	39.51	61.51	81.26	0.2167	0.3374	484	597
B_d	380_489	22.48	16.17	76.68	0.1949	0.1402	461	571
M_d	567_489	85.35	54.67	76.68	0.3938	0.2522	533c	533
W_d	380_775	102.37	99.99	81.25	0.3609	0.3525	100%	
N_d	380_775	10.23	9.99	8.12	0.3609	0.3525	10%	
Z_d	380_775	18.42	18.0	14.62	0.3609	0.3525	18%	

BEM70−7A

$XYZ_{W,10}$=97.65 , 100.0 , 118.42
$A_{10} = 2,5\ (a_{10} - a_{n10})\ Y_{10}$
$B_{10} = 2,5\ B_c\ (b_{10} - b_{n10})\ Y_{10}$
$a_{10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}000,\ B_c = 1{,}000$
$C_{AB10}=[A_{10}^2+B_{10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. Q00, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant Q00
$Y_{W,10}$=100, $Y_{N,10}$=10



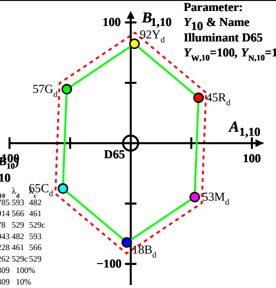
Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	64.58	45.87	11.96	0.5275	0.3747	593	481
Y_d	486_775	79.49	91.81	17.34	0.4213	0.4866	566	459
G_d	486_561	24.77	56.03	17.34	0.2523	0.5709	530	530c
C_d	380_561	42.93	64.23	118.43	0.1903	0.2847	481	593
B_d	380_486	28.02	18.29	113.05	0.1758	0.1148	459	566
M_d	561_486	82.75	54.07	113.05	0.3311	0.2163	530c	530
W_d	380_775	97.65	100.0	118.42	0.3089	0.3163	100%	
N_d	380_775	9.76	10.0	11.84	0.3089	0.3163	10%	
Z_d	380_775	17.57	18.0	21.31	0.3089	0.3163	18%	

BEM70−8A

BEM70−7N

$XYZ_{W,10}$=94.81 , 100.0 , 107.33
$A_{1,10} = 2,5\ (a_{1,10} - a_{1,n,10})\ Y_{10}$
$B_{1,10} = 2,5\ B_c\ (b_{1,10} - b_{1,n,10})\ Y_{10}$
$a_{1,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{1,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}110,\ B_c = 1{,}000$
$C_{AB1,10}=[A_{1,10}^2+B_{1,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. D65, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant D65
$Y_{W,10}$=100, $Y_{N,10}$=10

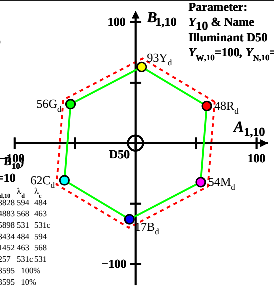


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	63.31	45.16	10.84	0.5306	0.3785	593	482
Y_d	487_775	78.75	92.32	16.77	0.4192	0.4914	566	461
G_d	487_561	25.01	57.25	16.77	0.2525	0.578	529	529c
C_d	380_561	41.08	64.94	107.34	0.1925	0.3043	482	593
B_d	380_487	25.64	17.78	101.4	0.177	0.1228	461	566
M_d	561_487	79.38	52.85	101.4	0.3397	0.2262	529c	529
W_d	380_775	94.81	100.0	107.33	0.3137	0.3309	100%	
N_d	380_775	9.48	10.0	10.73	0.3137	0.3309	10%	
Z_d	380_775	17.06	18.0	19.32	0.3137	0.3309	18%	

BEM71−1A

$XYZ_{W,10}$=96.72 , 99.99 , 81.41
$A_{1,10} = 2,5\ (a_{1,10} - a_{1,n,10})\ Y_{10}$
$B_{1,10} = 2,5\ B_c\ (b_{1,10} - b_{1,n,10})\ Y_{10}$
$a_{1,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{1,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}110,\ B_c = 1{,}000$
$C_{AB1,10}=[A_{1,10}^2+B_{1,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. D50, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant D50
$Y_{W,10}$=100, $Y_{N,10}$=10

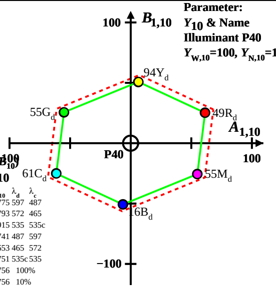


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	565_775	68.94	47.87	8.22	0.5513	0.3828	594	484
Y_d	490_775	84.82	93.4	13.03	0.4434	0.4883	568	463
G_d	490_565	25.64	55.63	13.03	0.2719	0.5898	531	531c
C_d	380_565	37.55	62.23	81.41	0.2072	0.3434	484	594
B_d	380_490	21.68	16.7	76.6	0.1885	0.1452	463	568
M_d	565_490	80.85	54.47	76.6	0.3815	0.257	531c	531
W_d	380_775	96.72	99.99	81.41	0.3477	0.3595	100%	
N_d	380_775	9.67	9.99	8.14	0.3477	0.3595	10%	
Z_d	380_775	17.41	17.99	14.65	0.3477	0.3595	18%	

BEM71−2A

$XYZ_{W,10}$=101.75 , 100.0 , 64.44
$A_{1,10} = 2,5\ (a_{1,10} - a_{1,n,10})\ Y_{10}$
$B_{1,10} = 2,5\ B_c\ (b_{1,10} - b_{1,n,10})\ Y_{10}$
$a_{1,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{1,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}110,\ B_c = 1{,}000$
$C_{AB1,10}=[A_{1,10}^2+B_{1,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. P40, $Y_{W,10}$=100, $Y_{N,10}$=10

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

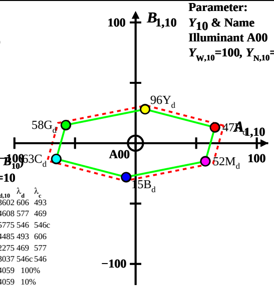


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	569_775	74.46	49.11	6.5	0.5724	0.3775	597	487
Y_d	492_775	92.34	94.1	9.87	0.4703	0.4793	572	465
G_d	492_569	28.16	55.09	9.87	0.3024	0.5915	535	535c
C_d	380_569	37.57	60.99	64.45	0.2304	0.3741	487	597
B_d	380_492	19.69	16.0	61.08	0.2034	0.1653	465	572
M_d	569_492	83.87	55.01	61.08	0.4194	0.2751	535c	535
W_d	380_775	101.75	100.0	64.44	0.3822	0.3756	100%	
N_d	380_775	10.17	10.0	6.44	0.3822	0.3756	10%	
Z_d	380_775	18.31	18.0	11.6	0.3822	0.3756	18%	

BEM71−3A

$XYZ_{W,10}$=111.15 , 99.99 , 35.19
$A_{1,10} = 2,5\ (a_{1,10} - a_{1,n,10})\ Y_{10}$
$B_{1,10} = 2,5\ B_c\ (b_{1,10} - b_{1,n,10})\ Y_{10}$
$a_{1,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{1,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}110,\ B_c = 1{,}000$
$C_{AB1,10}=[A_{1,10}^2+B_{1,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. A00, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant A00
$Y_{W,10}$=100, $Y_{N,10}$=10

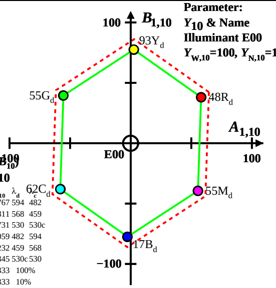


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	575_775	80.27	47.2	3.55	0.6126	0.3602	606	493
Y_d	498_775	106.28	95.57	5.53	0.5124	0.4608	577	469
G_d	498_575	37.23	58.46	5.53	0.3677	0.5775	546	546c
C_d	380_575	42.11	62.9	35.2	0.3003	0.4485	493	606
B_d	380_498	16.1	14.53	33.22	0.2522	0.2275	469	577
M_d	575_498	85.15	51.64	33.22	0.5008	0.3037	546c	546
W_d	380_775	111.15	99.99	35.19	0.4511	0.4059	100%	
N_d	380_775	11.11	9.99	3.51	0.4511	0.4059	10%	
Z_d	380_775	20.0	18.0	6.33	0.4511	0.4059	18%	

BEM71−4A

$XYZ_{W,10}$=99.99 , 99.99 , 100.0
$A_{1,10} = 2,5\ (a_{1,10} - a_{1,n,10})\ Y_{10}$
$B_{1,10} = 2,5\ B_c\ (b_{1,10} - b_{1,n,10})\ Y_{10}$
$a_{1,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{1,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}110,\ B_c = 1{,}000$
$C_{AB1,10}=[A_{1,10}^2+B_{1,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. E00, $Y_{W,10}$=100, $Y_{N,10}$=10

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

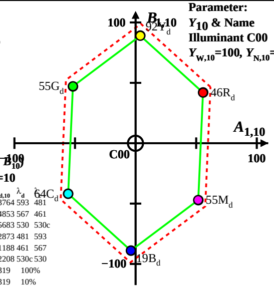


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	564_775	69.56	48.14	10.1	0.5442	0.3767	594	482
Y_d	487_775	84.85	93.29	15.74	0.4376	0.4811	568	459
G_d	487_564	25.39	55.24	15.74	0.2634	0.5731	530	530c
C_d	380_564	40.53	61.96	100.01	0.2001	0.3059	482	594
B_d	380_487	25.24	16.81	94.37	0.185	0.1232	459	568
M_d	564_487	84.7	54.86	94.37	0.362	0.2345	530c	530
W_d	380_775	99.99	99.99	100.0	0.3333	0.3333	100%	
N_d	380_775	9.99	9.99	10.0	0.3333	0.3333	10%	
Z_d	380_775	17.99	17.99	18.0	0.3333	0.3333	18%	

BEM71−5A

$XYZ_{W,10}$=97.28 , 99.99 , 116.14
$A_{1,10} = 2,5\ (a_{1,10} - a_{1,n,10})\ Y_{10}$
$B_{1,10} = 2,5\ B_c\ (b_{1,10} - b_{1,n,10})\ Y_{10}$
$a_{1,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{1,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}110,\ B_c = 1{,}000$
$C_{AB1,10}=[A_{1,10}^2+B_{1,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. C00, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant C00
$Y_{W,10}$=100, $Y_{N,10}$=10

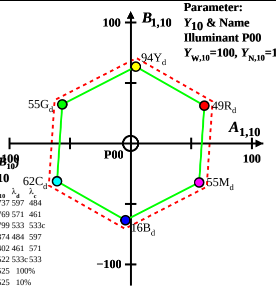


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	64.74	46.17	11.73	0.5278	0.3764	593	481
Y_d	486_775	79.76	91.5	17.25	0.4231	0.4853	567	461
G_d	486_561	24.84	55.42	17.25	0.2547	0.5683	530	530c
C_d	380_561	42.37	63.93	116.15	0.1904	0.2873	481	593
B_d	380_486	27.36	18.6	110.63	0.1747	0.1188	461	567
M_d	561_486	82.28	54.68	110.63	0.3323	0.2208	530c	530
W_d	380_775	97.28	99.99	116.14	0.3103	0.319	100%	
N_d	380_775	9.72	9.99	11.61	0.3103	0.319	10%	
Z_d	380_775	17.51	18.0	20.9	0.3103	0.319	18%	

BEM71−6A

$XYZ_{W,10}$=102.37 , 99.99 , 81.25
$A_{1,10} = 2,5\ (a_{1,10} - a_{1,n,10})\ Y_{10}$
$B_{1,10} = 2,5\ B_c\ (b_{1,10} - b_{1,n,10})\ Y_{10}$
$a_{1,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{1,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}110,\ B_c = 1{,}000$
$C_{AB1,10}=[A_{1,10}^2+B_{1,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. P00, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant P00
$Y_{W,10}$=100, $Y_{N,10}$=10

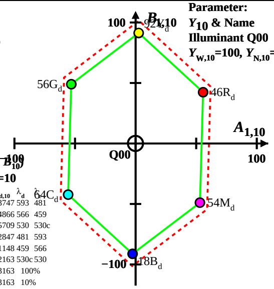


Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	567_775	73.2	48.59	8.2	0.563	0.3737	597	484
Y_d	489_775	90.23	93.93	12.77	0.4581	0.4769	571	461
G_d	489_567	27.36	55.43	12.77	0.2863	0.5799	533	533c
C_d	380_567	39.51	61.51	81.26	0.2167	0.3374	484	597
B_d	380_489	22.48	16.17	76.68	0.1949	0.1402	461	571
M_d	567_489	85.35	54.67	76.68	0.3938	0.2522	533c	533
W_d	380_775	102.37	99.99	81.25	0.3609	0.3525	100%	
N_d	380_775	10.23	9.99	8.12	0.3609	0.3525	10%	
Z_d	380_775	18.42	18.0	14.62	0.3609	0.3525	18%	

BEM71−7A

$XYZ_{W,10}$=97.65 , 100.0 , 118.42
$A_{1,10} = 2,5\ (a_{1,10} - a_{1,n,10})\ Y_{10}$
$B_{1,10} = 2,5\ B_c\ (b_{1,10} - b_{1,n,10})\ Y_{10}$
$a_{1,10} = a_{20}\ [\ (x_{10} - x_c)\ /\ y_{10}]$
$b_{1,10} = b_{20}\ [\ z_{10}\ /\ y_{10}]$
$a_{20} = 1,\ b_{20} = -0,4$
$x_c = 0{,}110,\ B_c = 1{,}000$
$C_{AB1,10}=[A_{1,10}^2+B_{1,10}^2]^{1/2}$
6 *Ostwald* colours (o)
of maximum (m) $C_{AB,10}$ in
chromatic value diagram (A_{10}, B_{10})
Illumin. Q00, $Y_{W,10}$=100, $Y_{N,10}$=10

Parameter:
Y_{10} & Name
Illuminant Q00
$Y_{W,10}$=100, $Y_{N,10}$=10



Name	Range	$X_{d,10}$	$Y_{d,10}$	$Z_{d,10}$	$x_{d,10}$	$y_{d,10}$	λ_d	λ_c
R_d	561_775	64.58	45.87	11.96	0.5275	0.3747	593	481
Y_d	486_775	79.49	91.81	17.34	0.4213	0.4866	566	459
G_d	486_561	24.77	56.03	17.34	0.2523	0.5709	530	530c
C_d	380_561	42.93	64.23	118.43	0.1903	0.2847	481	593
B_d	380_486	28.02	18.29	113.05	0.1758	0.1148	459	566
M_d	561_486	82.75	54.07	113.05	0.3311	0.2163	530c	530
W_d	380_775	97.65	100.0	118.42	0.3089	0.3163	100%	
N_d	380_775	9.76	10.0	11.84	0.3089	0.3163	10%	
Z_d	380_775	17.57	18.0	21.31	0.3089	0.3163	18%	

BEM71−8A

BEM71−7N

TUB registration: 20220301-BEM7/BEM7L0NP.PDF /.PS
application for evaluation and measurement of display or print output
TUB material: code=rha4ta