Colour-device (d) data according to ISO/IEC 15775 (offset) for Y_W=88,6 and an illuminant approximately D65

Device (d) colours, see names in CIE R8-09, and ISO/IEC 15775	Offset print normalized XYZ-device data $X_{d,100}$	$Y_{d,100}$	$Z_{d,100}$	$x_{d,100}$	$y_{d,100}$	Offset print normalized CIELAB-device data $L^*_{d,100}$	$a^*_{d,100}$	$b^*_{d,100}$	$C^*_{ab,d,100}$	$h_{ab,d,100}$
$C=C_d$ cyan blue (cyan)	18,74	26,62	68,54	0,164	0,233	58,62	−30,01	−47,10	55,85	237
$M=M_d$ magenta red (magenta)	33,06	16,90	22,01	0,459	0,234	48,13	75,93	−9,78	76,56	352
$Y=Y_d$ yellow	68,06	77,10	9,03	0,441	0,500	90,36	−10,21	93,95	94,51	96
$O=R_d$ orange red (red)	33,13	16,75	2,68	0,630	0,318	47,94	77,00	50,59	92,13	33
$L=G_d$ leaf green (green)	8,71	19,18	6,62	0,252	0,555	50,89	−62,45	34,69	71,44	150
$V=B_d$ violet blue (blue)	7,17	4,65	21,41	0,215	0,139	25,71	31,91	−47,33	57,09	303
W white	83,69	88,60	89,47	0,319	0,338	95,41	0,01	−0,00	0,01	354
N black	2,42	2,52	2,81	0,312	0,325	18,00	0,81	−1,97	2,13	292

Source: *Kittelmann (2005), Diploma work, TU Berlin, KR=0, YF=0, K=0*

AER7L1N

Colour-device (d) data according to ISO/IEC 15775 (offset) for Y_W=88,6 and standard illuminant D65

Device (d) colours, see names in CIE R8-09, and ISO/IEC 15775	Offset print normalized XYZ-device data $X_{d,100}$	$Y_{d,100}$	$Z_{d,100}$	$x_{d,100}$	$y_{d,100}$	Offset print normalized CIELAB-device data $L^*_{d,100}$	$a^*_{d,100}$	$b^*_{d,100}$	$C^*_{ab,d,100}$	$h_{ab,d,100}$
$C=C_d$ cyan blue (cyan)	18,74	26,27	69,02	0,164	0,230	58,30	−29,20	−43,70	52,55	236
$M=M_d$ magenta red (magenta)	32,46	16,95	23,04	0,448	0,233	48,20	72,80	−8,50	73,29	353
$Y=Y_d$ yellow	63,74	72,69	8,27	0,440	0,502	88,30	−11,90	95,10	95,84	97
$O=R_d$ orange red (red)	29,01	16,24	4,26	0,585	0,328	47,30	63,80	41,20	75,94	32
$L=G_d$ leaf green (green)	8,53	20,05	9,58	0,223	0,525	51,90	−68,80	28,10	74,31	157
$V=B_d$ violet blue (blue)	6,22	4,51	22,65	0,186	0,135	25,30	23,50	−47,30	52,81	296
W white	84,18	88,56	96,45	0,312	0,329	95,40	0,00	0,00	0,00	0
N black	2,39	2,51	2,74	0,312	0,328	18,00	0,00	0,00	0,00	0

Source: *Richter (2012), Colour and Colour Vision, see table of end cover, KR=0, YF=0, K=1*

AER7L1N

Colour-device (d) data according to ISO/IEC 15775 (offset) for Y_W=88,6 and an illuminant approximately D65

Device (d) colours, see names in CIE R8-09, and ISO/IEC 15775	Offset print normalized XYZ-device data $X_{d,089}$	$Y_{d,089}$	$Z_{d,089}$	$x_{d,089}$	$y_{d,089}$	Offset print normalized CIELAB-device data $L^*_{d,089}$	$a^*_{d,089}$	$b^*_{d,089}$	$C^*_{ab,d,089}$	$h_{ab,d,089}$
$C=C_d$ cyan blue (cyan)	18,74	26,62	68,54	0,164	0,233	58,62	−30,01	−47,10	55,85	237
$M=M_d$ magenta red (magenta)	33,06	16,90	22,01	0,459	0,234	48,13	75,93	−9,78	76,56	352
$Y=Y_d$ yellow	68,06	77,10	9,03	0,441	0,500	90,36	−10,21	93,95	94,51	96
$O=R_d$ orange red (red)	33,13	16,75	2,68	0,630	0,318	47,94	77,00	50,59	92,13	33
$L=G_d$ leaf green (green)	8,71	19,18	6,62	0,252	0,555	50,89	−62,45	34,69	71,44	150
$V=B_d$ violet blue (blue)	7,17	4,65	21,41	0,215	0,139	25,71	31,91	−47,33	57,09	303
W white	83,69	88,60	89,47	0,319	0,338	95,41	0,01	−0,00	0,01	354
N black	2,42	2,52	2,81	0,312	0,325	18,00	0,81	−1,97	2,13	292

Source: *Kittelmann (2005), Diploma work, TU Berlin, KR=1, YF=0, K=0*

AER7L2N

Colour-device (d) data according to ISO/IEC 15775 (offset) for Y_W=88,6 and standard illuminant D65

Device (d) colours, see names in CIE R8-09, and ISO/IEC 15775	Offset print normalized XYZ-device data $X_{d,089}$	$Y_{d,089}$	$Z_{d,089}$	$x_{d,089}$	$y_{d,089}$	Offset print normalized CIELAB-device data $L^*_{d,089}$	$a^*_{d,089}$	$b^*_{d,089}$	$C^*_{ab,d,089}$	$h_{ab,d,089}$
$C=C_d$ cyan blue (cyan)	18,74	26,27	69,02	0,164	0,230	58,30	−29,20	−43,70	52,55	236
$M=M_d$ magenta red (magenta)	32,46	16,95	23,04	0,448	0,233	48,20	72,80	−8,50	73,29	353
$Y=Y_d$ yellow	63,74	72,69	8,27	0,440	0,502	88,30	−11,90	95,10	95,84	97
$O=R_d$ orange red (red)	29,01	16,24	4,26	0,585	0,328	47,30	63,80	41,20	75,94	32
$L=G_d$ leaf green (green)	8,53	20,05	9,58	0,223	0,525	51,90	−68,80	28,10	74,31	157
$V=B_d$ violet blue (blue)	6,22	4,51	22,65	0,186	0,135	25,30	23,50	−47,30	52,81	296
W white	84,18	88,56	96,45	0,312	0,329	95,40	0,00	0,00	0,00	0
N black	2,39	2,51	2,74	0,312	0,328	18,00	0,00	0,00	0,00	0

Source: *Richter (2012), Colour and Colour Vision, see table of end cover, KR=1, YF=0, K=1*

AER7L2N

Colour-device (d) data according to ISO/IEC 15775 (offset) for Y_W=100 and an illuminant approximately D65

Device (d) colours, see names in CIE R8-09, and ISO/IEC 15775	Offset print normalized XYZ-device data $X_{d,100}$	$Y_{d,100}$	$Z_{d,100}$	$x_{d,100}$	$y_{d,100}$	Offset print normalized CIELAB-device data $L^*_{d,100}$	$a^*_{d,100}$	$b^*_{d,100}$	$C^*_{ab,d,100}$	$h_{ab,d,100}$
$C=C_d$ cyan blue (cyan)	21,15	30,04	77,35	0,164	0,233	61,69	−31,25	−49,04	58,15	237
$M=M_d$ magenta red (magenta)	37,31	19,07	24,84	0,459	0,234	50,77	79,06	−10,19	79,71	352
$Y=Y_d$ yellow	76,81	87,02	10,19	0,441	0,500	94,74	−10,63	97,82	98,40	96
$O=R_d$ orange red (red)	37,39	18,90	3,02	0,630	0,318	50,57	80,17	52,67	95,92	33
$L=G_d$ leaf green (green)	9,83	21,64	7,47	0,252	0,555	53,65	−65,02	36,12	74,38	150
$V=B_d$ violet blue (blue)	8,09	5,24	24,16	0,215	0,139	27,43	33,22	−49,28	59,44	303
W white	94,45	100,00	100,98	0,319	0,338	100,00	0,01	−0,00	0,01	354
N black	0,00	0,00	0,00	0,333	0,333	0,00	0,00	0,00	0,00	3

Source: *Kittelmann (2005), Diploma work, TU Berlin, KR=0, YF=1, K=0*

AER7N-5N

Colour-device (d) data according to ISO/IEC 15775 (offset) for Y_W=100 and standard illuminant D65

Device (d) colours, see names in CIE R8-09, and ISO/IEC 15775	Offset print normalized XYZ-device data $X_{d,100}$	$Y_{d,100}$	$Z_{d,100}$	$x_{d,100}$	$y_{d,100}$	Offset print normalized CIELAB-device data $L^*_{d,100}$	$a^*_{d,100}$	$b^*_{d,100}$	$C^*_{ab,d,100}$	$h_{ab,d,100}$
$C=C_d$ cyan blue (cyan)	21,16	29,65	77,91	0,164	0,230	61,35	−30,40	−45,49	54,72	236,24
$M=M_d$ magenta red (magenta)	36,64	19,13	26,01	0,448	0,233	50,84	75,79	−8,84	76,31	353,34
$Y=Y_d$ yellow	71,95	82,04	9,34	0,440	0,502	92,59	−12,38	99,01	99,78	97,13
$O=R_d$ orange red (red)	32,74	18,34	4,81	0,585	0,328	49,90	66,42	42,89	79,07	32,85
$L=G_d$ leaf green (green)	9,62	22,63	10,81	0,223	0,525	54,69	−71,63	29,25	77,37	157,78
$V=B_d$ violet blue (blue)	7,02	5,09	25,57	0,186	0,135	27,00	24,46	−49,24	54,99	296,41
W white	95,01	99,96	108,86	0,312	0,329	99,98	0,00	0,00	0,00	0
N black	0,00	0,00	0,00	0,333	0,333	0,00	0,00	0,00	0,00	32,12

Source: *Richter (2012), Colour and Colour Vision, see table of end cover, KR=0, YF=1, K=1*

AER7N-7N

Colour-device (d) data according to ISO/IEC 15775 (offset) for Y_W=100 and an illuminant approximately D65

Device (d) colours, see names in CIE R8-09, and ISO/IEC 15775	Offset print normalized XYZ-device data $X_{d,100}$	$Y_{d,100}$	$Z_{d,100}$	$x_{d,100}$	$y_{d,100}$	Offset print normalized CIELAB-device data $L^*_{d,100}$	$a^*_{d,100}$	$b^*_{d,100}$	$C^*_{ab,d,100}$	$h_{ab,d,100}$
$C=C_d$ cyan blue (cyan)	21,15	30,04	77,35	0,164	0,233	61,69	−31,25	−49,04	58,15	237
$M=M_d$ magenta red (magenta)	37,31	19,07	24,84	0,459	0,234	50,77	79,06	−10,19	79,71	352
$Y=Y_d$ yellow	76,81	87,02	10,19	0,441	0,500	94,74	−10,63	97,82	98,40	96
$O=R_d$ orange red (red)	37,39	18,90	3,02	0,630	0,318	50,57	80,17	52,67	95,92	33
$L=G_d$ leaf green (green)	9,83	21,64	7,47	0,252	0,555	53,65	−65,02	36,12	74,38	150
$V=B_d$ violet blue (blue)	8,09	5,24	24,16	0,215	0,139	27,43	33,22	−49,28	59,44	303
W white	94,45	100,00	100,98	0,319	0,338	100,00	0,01	−0,00	0,01	354
N black	0,00	0,00	0,00	0,333	0,333	0,00	0,00	0,00	0,00	3

Source: *Kittelmann (2005), Diploma work, TU Berlin, KR=1, YF=1, K=0*

AER7N-7N

Colour-device (d) data according to ISO/IEC 15775 (offset) for Y_W=100 and standard illuminant D65

Device (d) colours, see names in CIE R8-09, and ISO/IEC 15775	Offset print normalized XYZ-device data $X_{d,100}$	$Y_{d,100}$	$Z_{d,100}$	$x_{d,100}$	$y_{d,100}$	Offset print normalized CIELAB-device data $L^*_{d,100}$	$a^*_{d,100}$	$b^*_{d,100}$	$C^*_{ab,d,100}$	$h_{ab,d,100}$
$C=C_d$ cyan blue (cyan)	21,16	29,65	77,91	0,164	0,230	61,35	−30,40	−45,49	54,72	236,24
$M=M_d$ magenta red (magenta)	36,64	19,13	26,01	0,448	0,233	50,84	75,79	−8,84	76,31	353,34
$Y=Y_d$ yellow	71,95	82,04	9,34	0,440	0,502	92,59	−12,38	99,01	99,78	97,13
$O=R_d$ orange red (red)	32,74	18,34	4,81	0,585	0,328	49,90	66,42	42,89	79,07	32,85
$L=G_d$ leaf green (green)	9,62	22,63	10,81	0,223	0,525	54,69	−71,63	29,25	77,37	157,78
$V=B_d$ violet blue (blue)	7,02	5,09	25,57	0,186	0,135	27,00	24,46	−49,24	54,99	296,41
W white	95,01	99,96	108,86	0,312	0,329	99,98	0,00	0,00	0,00	0
N black	0,00	0,00	0,00	0,333	0,333	0,00	0,00	0,00	0,00	32,12

Source: *Richter (2012), Colour and Colour Vision, see table of end cover, KR=1, YF=1, K=1*

AER7N-7N

TUB-test chart AER7; *Offset* device colours, 2 normalizations *XYZ*xy and *LabC**$_{ab}$*h*$_{ab}$ device data (d) as table for Y_W=88,6 & 100

input: *rgb/cmy0/000k/n*
output: no change