http://130.149.60.45/~farbmetrik/SE30/SE30L0N1.TXT /.PS; start output
N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 1/1

see similar files: http://130.149.60.45/~farbmetrik/SE30/SE30.HTM
technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

rgb^*_e and CIE data of a elementary (e) hue circle
according to CIE R1-47:2009 for *sRGB* display L_r =0%

16 step elementary hue circle with hues: $h_{ab,a,e}$ = 25, 92, 162, 271

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$R00Y_e = R_e$	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
$R25Y_e$	52.2	71.9	65.2	97.1	42.1	1.00 0.25 0.00
$R50Y_e$	63.1	42.7	70.7	82.6	58.8	1.00 0.50 0.00
$R75Y_e$	72.7	19.7	76.7	79.2	75.5	1.00 0.75 0.00
$Y00G_e = Y_e$	83.6	−3.4	84.2	84.3	92.3	1.00 1.00 0.00
$Y25G_e$	90.8	−31.8	88.5	94.0	109.7	0.75 1.00 0.00
$Y50G_e$	85.9	−63.0	82.7	104.0	127.2	0.50 1.00 0.00
$Y75G_e$	84.1	−76.6	54.1	93.8	144.7	0.25 1.00 0.00
$G00B_e = G_e$	85.1	−64.2	20.5	67.4	162.2	0.00 1.00 0.00
$G25B_e$	87.1	−49.5	−8.4	50.2	189.6	0.00 1.00 0.50
$G50B_e$	79.1	−33.9	−25.6	42.5	217.0	0.00 1.00 1.00
$G75B_e$	70.1	−18.8	−39.1	43.4	244.2	0.00 0.50 1.00
$B00R_e = B_e$	59.3	1.7	−56.0	56.1	271.7	0.00 0.00 1.00
$B25R_e$	38.3	52.5	−90.3	104.4	300.1	0.50 0.00 1.00
$B50R_e$	57.3	94.2	−57.4	110.4	328.6	1.00 0.00 1.00
$B75R_e$	52.5	82.3	−4.2	82.4	357.0	1.00 0.00 0.50

5 step equidistant grey scale: L^*_e = 0.0, 23.8, 47.7, 71.5, 95.4

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$N000W_e = N_e$	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e$	23.8	0.0	0.0	0.0	325.3	0.25 0.25 0.25
$N050W_e$	47.7	0.0	0.0	0.0	325.1	0.50 0.50 0.50
$N075W_e$	71.4	0.0	0.0	0.0	325.1	0.75 0.75 0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SE300−3N, LAB*la0, adapted=not adapted

rgb^*_e and CIE data of a elementary (e) hue circle
according to CIE R1-47:2009 for *sRGB* display L_r =0%

3 colours of the elementary hues $RYGB_e$: $h_{ab,a,e}$ = 25, 92, 162, 271

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$R00Y_e = R_e$	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
$0,5R_e + 0,5N_e$	25.4	39.0	18.5	43.2	25.4	0.50 0.00 0.00
$0,5R_e + 0,5W_e$	73.1	39.0	18.5	43.2	25.4	1.00 0.50 0.50
$Y00G_e = Y_e$	83.6	−3.4	84.2	84.3	92.3	1.00 1.00 0.00
$0,5Y_e + 0,5N_e$	41.8	−1.7	42.1	42.1	92.3	0.50 0.50 0.00
$0,5Y_e + 0,5W_e$	89.5	−1.7	42.1	42.1	92.3	1.00 1.00 0.50
$G00B_e = G_e$	85.1	−64.2	20.5	67.4	162.2	0.00 1.00 0.00
$0,5G_e + 0,5N_e$	42.5	−32.1	10.2	33.7	162.2	0.00 0.50 0.00
$0,5G_e + 0,5W_e$	90.2	−32.1	10.2	33.7	162.2	0.50 1.00 0.50
$B00R_e = B_e$	59.3	1.7	−56.0	56.1	271.7	0.00 0.00 1.00
$0,5B_e + 0,5N_e$	29.6	0.8	−28.0	28.0	271.7	0.00 0.00 0.50
$0,5B_e + 0,5W_e$	77.4	0.8	−28.0	28.0	271.7	0.50 0.50 1.00

5 step equidistant grey scale: L^*_e = 0.0, 23.8, 47.7, 71.5, 95.4

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$N000W_e = N_e$	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e$	23.8	0.0	0.0	0.0	325.3	0.25 0.25 0.25
$N050W_e$	47.7	0.0	0.0	0.0	325.1	0.50 0.50 0.50
$N075W_e$	71.4	0.0	0.0	0.0	325.1	0.75 0.75 0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SE300−4N, LAB*la0, adapted=not adapted

rgb^*_e and CIE data of a elementary (e) hue circle
according to CIE R1-47:2009 for *sRGB* display L_r =1,2%

16 step elementary hue circle with hues: $h_{ab,a,e}$ = 25, 92, 162, 271

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$R00Y_e = R_e$	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00
$R25Y_e$	55.0	64.5	58.4	87.0	42.1	1.00 0.25 0.00
$R50Y_e$	64.5	39.6	65.7	76.7	58.8	1.00 0.50 0.00
$R75Y_e$	73.4	18.5	72.6	75.0	75.6	1.00 0.75 0.00
$Y00G_e = Y_e$	83.7	−3.2	80.7	80.7	92.3	1.00 1.00 0.00
$Y25G_e$	91.0	−30.8	85.6	91.0	109.8	0.75 1.00 0.00
$Y50G_e$	86.2	−60.7	79.8	100.3	127.2	0.50 1.00 0.00
$Y75G_e$	84.2	−75.0	53.0	91.9	144.7	0.25 1.00 0.00
$G00B_e = G_e$	85.3	−62.8	20.1	66.0	162.2	0.00 1.00 0.00
$G25B_e$	87.3	−48.6	−8.2	49.3	189.5	0.00 1.00 0.50
$G50B_e$	79.4	−33.3	−25.0	41.7	216.9	0.00 1.00 1.00
$G75B_e$	70.5	−18.3	−38.4	42.6	244.4	0.00 0.50 1.00
$B00R_e = B_e$	60.1	1.6	−54.8	54.8	271.7	0.00 0.00 1.00
$B25R_e$	39.4	51.4	−88.4	102.3	300.1	0.50 0.00 1.00
$B50R_e$	58.1	91.6	−55.9	107.3	328.6	1.00 0.00 1.00
$B75R_e$	53.5	79.6	−4.0	79.7	357.0	1.00 0.00 0.50

5 step equidistant grey scale: L^*_e = 10.9, 32.0, 53.2, 74.3, 95.4

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$N000W_e = N_e$	10.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e$	32.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
$N050W_e$	53.1	0.0	0.0	0.0	325.5	0.50 0.50 0.50
$N075W_e$	74.2	0.0	0.0	0.0	323.5	0.75 0.75 0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SE301−3N, LAB*la2, adapted=not adapted

rgb^*_e and CIE data of a elementary (e) hue circle
according to CIE R1-47:2009 for *sRGB* display L_r =1,2%

3 colours of the elementary hues $RYGB_e$: $h_{ab,a,e}$ = 25, 92, 162, 271

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$R00Y_e = R_e$	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00
$0,5R_e + 0,5N_e$	31.5	37.6	17.9	41.7	25.4	0.50 0.00 0.00
$0,5R_e + 0,5W_e$	73.7	37.6	17.9	41.7	25.4	1.00 0.50 0.50
$Y00G_e = Y_e$	83.7	−3.2	80.7	80.7	92.3	1.00 1.00 0.00
$0,5Y_e + 0,5N_e$	47.3	−1.6	40.3	40.3	92.3	0.50 0.50 0.00
$0,5Y_e + 0,5W_e$	89.5	−1.6	40.3	40.3	92.3	1.00 1.00 0.50
$G00B_e = G_e$	85.3	−62.8	20.1	66.0	162.2	0.00 1.00 0.00
$0,5G_e + 0,5N_e$	48.1	−31.4	10.0	33.0	162.2	0.00 0.50 0.00
$0,5G_e + 0,5W_e$	90.3	−31.4	10.0	33.0	162.2	0.50 1.00 0.50
$B00R_e = B_e$	60.1	1.6	−54.8	54.8	271.7	0.00 0.00 1.00
$0,5B_e + 0,5N_e$	35.5	0.8	−27.4	27.4	271.7	0.00 0.00 0.50
$0,5B_e + 0,5W_e$	77.7	0.8	−27.4	27.4	271.7	0.50 0.50 1.00

5 step equidistant grey scale: L^*_e = 10.9, 32.0, 53.2, 74.3, 95.4

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$N000W_e = N_e$	10.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e$	32.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
$N050W_e$	53.1	0.0	0.0	0.0	325.5	0.50 0.50 0.50
$N075W_e$	74.2	0.0	0.0	0.0	323.5	0.75 0.75 0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SE301−4N, LAB*la2, adapted=not adapted

rgb^*_e and CIE data of a elementary (e) hue circle
according to CIE R1-47:2009 for *sRGB* display L_r =0,6%

16 step elementary hue circle with hues: $h_{ab,a,e}$ = 25, 92, 162, 271

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$R00Y_e = R_e$	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00
$R25Y_e$	53.8	67.7	61.3	91.3	42.1	1.00 0.25 0.00
$R50Y_e$	63.8	41.1	68.0	79.5	58.8	1.00 0.50 0.00
$R75Y_e$	73.1	19.1	74.6	77.0	75.5	1.00 0.75 0.00
$Y00G_e = Y_e$	83.6	−3.2	82.4	82.4	92.2	1.00 1.00 0.00
$Y25G_e$	90.9	−31.3	87.1	92.5	109.7	0.75 1.00 0.00
$Y50G_e$	86.1	−61.8	81.2	102.1	127.2	0.50 1.00 0.00
$Y75G_e$	84.1	−75.8	53.5	92.9	144.7	0.25 1.00 0.00
$G00B_e = G_e$	85.2	−63.5	20.3	66.7	162.2	0.00 1.00 0.00
$G25B_e$	87.2	−49.1	−8.2	49.8	189.5	0.00 1.00 0.50
$G50B_e$	79.2	−33.5	−25.3	42.1	217.0	0.00 1.00 1.00
$G75B_e$	70.3	−18.6	−38.8	43.0	244.3	0.00 0.50 1.00
$B00R_e = B_e$	59.7	1.7	−55.4	55.4	271.7	0.00 0.00 1.00
$B25R_e$	38.9	52.0	−89.4	103.4	300.1	0.50 0.00 1.00
$B50R_e$	57.7	92.9	−56.7	108.8	328.6	1.00 0.00 1.00
$B75R_e$	53.0	80.9	−4.1	81.0	357.0	1.00 0.00 0.50

5 step equidistant grey scale: L^*_e = 5.6, 28.1, 50.5, 72.9, 95.4

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$N000W_e = N_e$	5.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e$	28.1	0.0	0.0	0.0	325.1	0.25 0.25 0.25
$N050W_e$	50.5	0.0	0.0	0.0	324.8	0.50 0.50 0.50
$N075W_e$	73.0	0.0	0.0	0.0	323.7	0.75 0.75 0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SE300−7N, LAB*la1, adapted=not adapted

rgb^*_e and CIE data of a elementary (e) hue circle
according to CIE R1-47:2009 for *sRGB* display L_r =0,6%

3 colours of the elementary hues $RYGB_e$: $h_{ab,a,e}$ = 25, 92, 162, 271

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$R00Y_e = R_e$	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00
$0,5R_e + 0,5N_e$	28.5	38.3	18.2	42.4	25.4	0.50 0.00 0.00
$0,5R_e + 0,5W_e$	73.4	38.3	18.2	42.4	25.4	1.00 0.50 0.50
$Y00G_e = Y_e$	83.6	−3.2	82.4	82.4	92.2	1.00 1.00 0.00
$0,5Y_e + 0,5N_e$	44.6	−1.6	41.2	41.2	92.2	0.50 0.50 0.00
$0,5Y_e + 0,5W_e$	89.5	−1.6	41.2	41.2	92.2	1.00 1.00 0.50
$G00B_e = G_e$	85.2	−63.5	20.3	66.7	162.2	0.00 1.00 0.00
$0,5G_e + 0,5N_e$	45.4	−31.7	10.1	33.3	162.2	0.00 0.50 0.00
$0,5G_e + 0,5W_e$	90.3	−31.7	10.1	33.3	162.2	0.50 1.00 0.50
$B00R_e = B_e$	59.7	1.7	−55.4	55.4	271.7	0.00 0.00 1.00
$0,5B_e + 0,5N_e$	32.7	0.8	−27.7	27.7	271.7	0.00 0.00 0.50
$0,5B_e + 0,5W_e$	77.6	0.8	−27.7	27.7	271.7	0.50 0.50 1.00

5 step equidistant grey scale: L^*_e = 5.6, 28.1, 50.5, 72.9, 95.4

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$N000W_e = N_e$	5.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e$	28.1	0.0	0.0	0.0	325.1	0.25 0.25 0.25
$N050W_e$	50.5	0.0	0.0	0.0	324.8	0.50 0.50 0.50
$N075W_e$	73.0	0.0	0.0	0.0	323.7	0.75 0.75 0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SE300−8N, LAB*la1, adapted=not adapted

rgb^*_e and CIE data of a elementary (e) hue circle
according to CIE R1-47:2009 for *sRGB* display L_r =2,5%

16 step elementary hue circle with hues: $h_{ab,a,e}$ = 25, 92, 162, 271

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$R00Y_e = R_e$	53.0	72.6	34.5	80.4	25.4	1.00 0.00 0.00
$R25Y_e$	57.1	59.5	53.9	80.3	42.1	1.00 0.25 0.00
$R50Y_e$	65.7	37.3	61.7	72.1	58.8	1.00 0.50 0.00
$R75Y_e$	74.0	17.7	69.0	71.2	75.6	1.00 0.75 0.00
$Y00G_e = Y_e$	83.8	−3.0	77.4	77.5	92.2	1.00 1.00 0.00
$Y25G_e$	91.2	−29.9	83.0	88.2	109.8	0.75 1.00 0.00
$Y50G_e$	86.5	−58.7	77.1	96.9	127.2	0.50 1.00 0.00
$Y75G_e$	84.4	−73.5	51.9	90.0	144.7	0.25 1.00 0.00
$G00B_e = G_e$	85.4	−61.5	19.7	64.6	162.1	0.00 1.00 0.00
$G25B_e$	87.4	−47.7	−8.0	48.4	189.5	0.00 1.00 0.50
$G50B_e$	79.7	−32.6	−24.6	40.8	217.0	0.00 1.00 1.00
$G75B_e$	71.1	−18.0	−37.5	41.6	244.3	0.00 0.50 1.00
$B00R_e = B_e$	60.9	1.6	−53.5	53.6	271.7	0.00 0.00 1.00
$B25R_e$	40.5	50.3	−86.6	100.2	300.1	0.50 0.00 1.00
$B50R_e$	59.0	89.1	−54.4	104.4	328.6	1.00 0.00 1.00
$B75R_e$	54.5	77.1	−4.0	77.2	357.0	1.00 0.00 0.50

5 step equidistant grey scale: L^*_e = 18.0, 37.3, 56.7, 76.0, 95.4

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$N000W_e = N_e$	18.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e$	37.3	0.0	0.0	0.0	325.3	0.25 0.25 0.25
$N050W_e$	56.7	0.0	0.0	0.0	324.8	0.50 0.50 0.50
$N075W_e$	76.1	0.0	0.0	0.0	323.7	0.75 0.75 0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SE301−7N, LAB*la3, adapted=not adapted

rgb^*_e and CIE data of a elementary (e) hue circle
according to CIE R1-47:2009 for *sRGB* display L_r =2,5%

3 colours of the elementary hues $RYGB_e$: $h_{ab,a,e}$ = 25, 92, 162, 271

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$R00Y_e = R_e$	53.0	72.6	34.5	80.4	25.4	1.00 0.00 0.00
$0,5R_e + 0,5N_e$	35.5	36.3	17.2	40.2	25.4	0.50 0.00 0.00
$0,5R_e + 0,5W_e$	74.2	36.3	17.2	40.2	25.4	1.00 0.50 0.50
$Y00G_e = Y_e$	83.8	−3.0	77.4	77.5	92.2	1.00 1.00 0.00
$0,5Y_e + 0,5N_e$	50.9	−1.5	38.7	38.7	92.2	0.50 0.50 0.00
$0,5Y_e + 0,5W_e$	89.6	−1.5	38.7	38.7	92.2	1.00 1.00 0.50
$G00B_e = G_e$	85.4	−61.5	19.7	64.6	162.1	0.00 1.00 0.00
$0,5G_e + 0,5N_e$	51.7	−30.7	9.8	32.3	162.1	0.00 0.50 0.00
$0,5G_e + 0,5W_e$	90.4	−30.7	9.8	32.3	162.1	0.50 1.00 0.50
$B00R_e = B_e$	60.9	1.6	−53.5	53.6	271.7	0.00 0.00 1.00
$0,5B_e + 0,5N_e$	39.4	0.8	−26.7	26.8	271.7	0.00 0.00 0.50
$0,5B_e + 0,5W_e$	78.1	0.8	−26.7	26.8	271.7	0.50 0.50 1.00

5 step equidistant grey scale: L^*_e = 18.0, 37.3, 56.7, 76.0, 95.4

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$N000W_e = N_e$	18.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e$	37.3	0.0	0.0	0.0	325.3	0.25 0.25 0.25
$N050W_e$	56.7	0.0	0.0	0.0	324.8	0.50 0.50 0.50
$N075W_e$	76.1	0.0	0.0	0.0	323.7	0.75 0.75 0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SE301−8N, LAB*la3, adapted=not adapted

TUB registration: 20130201-SE30/SE30L0N1.TXT /.PS
application for measurement of display output

TUB material: code=rha4ta

TUB-test chart SE30; CIE data sRGB display
elementary hue circle; mixture colours; Lr=0 to 2,5%

input: *w/rgb/cmyk −> w/rgb/cmyk*₋
output: no change