

rgb*% and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display $L_r=0\%$

16 step elementary hue circle with intended elementary hues: $h_{b,a,e} = 25.4, 92.3, 162.2, 271.7$

Code	X_e	Y_e	Z_e	x_e	y_e	L_e^*	a_e^*	b_e^*	$L_{s,a,e}^*$	$a_{s,a,e}^*$	$b_{s,a,e}^*$	$C_{b,a,e}^*$	$h_{b,a,e}$	rgb^*
$R00Y_e = R_e$	37.4	19.1	6.5	0.592	0.303	50.9	78.1	37.1	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
$R25Y_e = R_e$	37.2	20.3	1.9	0.625	0.341	52.2	71.9	65.2	52.2	71.9	65.2	97.1	42.1	1.00 0.25 0.00
$R50Y_e = R_e$	42.9	31.7	3.8	0.546	0.403	63.1	42.7	70.7	63.1	42.7	70.7	82.6	58.8	1.00 0.50 0.00
$R75Y_e = R_e$	49.5	44.7	6.0	0.493	0.446	72.7	19.7	76.7	72.7	19.7	76.7	79.2	75.5	1.00 0.75 0.00
$Y00C_e = Y_e$	58.8	63.3	9.1	0.447	0.482	83.6	-3.4	84.2	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00
$Y25C_e = Y_e$	59.9	78.1	11.9	0.399	0.521	90.8	-31.8	88.5	90.8	-31.8	88.5	94.0	109.7	0.75 1.00 0.00
$Y50C_e = Y_e$	60.6	67.9	10.9	0.339	0.568	95.9	-63.0	82.7	95.9	-63.0	82.7	104.0	127.2	0.50 1.00 0.00
$Y75C_e = Y_e$	33.9	64.2	22.6	0.281	0.531	84.1	-76.6	54.1	84.1	-76.6	54.1	93.8	144.7	0.25 1.00 0.00
$G00B_e = G_e$	39.0	66.3	49.5	0.252	0.428	85.1	-64.2	20.5	85.1	-64.2	20.5	67.4	162.2	0.00 1.00 0.00
$G25B_e = G_e$	46.9	70.3	88.0	0.228	0.342	87.1	-49.5	-8.4	87.1	-49.5	-8.4	50.2	189.6	0.00 1.00 0.50
$G50B_e = G_e$	40.4	55.1	92.7	0.214	0.292	79.1	-33.9	-25.6	79.1	-33.9	-25.6	42.5	217.0	0.00 1.00 1.00
$G75B_e = G_e$	33.2	40.9	89.9	0.202	0.249	70.1	-18.8	-39.1	70.1	-18.8	-39.1	43.4	244.2	0.00 0.50 1.00
$B00R_e = B_e$	26.5	27.4	87.7	0.187	0.193	59.3	1.7	-56.0	59.3	1.7	-56.0	56.1	271.7	0.00 0.00 1.00
$B25R_e = B_e$	17.9	10.2	84.8	0.188	0.189	38.3	58.4	-56.0	38.3	58.4	-56.0	10.4	300.1	0.50 0.00 1.00
$B50R_e = B_e$	52.5	25.2	84.6	0.323	0.155	57.3	94.2	-57.3	57.3	94.2	-57.3	110.4	328.6	1.00 0.00 1.00
$B75R_e = B_e$	40.9	20.5	24.9	0.473	0.238	52.5	82.3	-4.2	52.5	82.3	-4.2	82.4	357.0	1.00 0.00 0.50

5 step equidistant grey scale with intended lightness: $L_e^* = 0.0, 23.8, 47.7, 71.5, 95.4$

Code	X_e	Y_e	Z_e	x_e	y_e	L_e^*	a_e^*	b_e^*	$L_{s,a,e}^*$	$a_{s,a,e}^*$	$b_{s,a,e}^*$	$C_{b,a,e}^*$	$h_{b,a,e}$	rgb^*
$N000W_e = N_e$	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e = N_e$	3.8	4.0	4.4	0.312	0.329	23.8	0.0	0.0	23.8	0.0	0.0	0.0	325.3	0.25 0.25 0.25
$N050W_e = N_e$	15.7	16.6	18.0	0.312	0.329	47.7	0.0	0.0	47.7	0.0	0.0	0.0	325.3	0.50 0.50 0.50
$N075W_e = N_e$	40.7	42.8	46.6	0.312	0.329	71.5	0.0	0.0	71.5	0.0	0.0	0.0	325.3	0.75 0.75 0.75
$N100W_e = W_e$	84.1	88.5	96.4	0.312	0.329	95.4	0.0	0.0	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00

SF32-3N, Page 4/11, LAB*a3, adapted-not adapted

rgb*% and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display $L_r=0.6\%$

16 step elementary hue circle with intended elementary hues: $h_{b,a,e} = 25.4, 92.3, 162.2, 271.7$

Code	X_e	Y_e	Z_e	x_e	y_e	L_e^*	a_e^*	b_e^*	$L_{s,a,e}^*$	$a_{s,a,e}^*$	$b_{s,a,e}^*$	$C_{b,a,e}^*$	$h_{b,a,e}$	rgb^*
$R00Y_e = R_e$	37.7	19.6	6.9	0.586	0.305	51.4	76.6	36.5	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00
$R25Y_e = R_e$	38.1	21.8	2.7	0.607	0.347	53.8	67.3	61.3	53.8	67.3	61.3	91.3	42.1	1.00 0.25 0.00
$R50Y_e = R_e$	43.5	32.6	4.6	0.538	0.404	63.1	41.1	68.0	63.1	41.1	68.0	79.5	58.8	1.00 0.50 0.00
$R75Y_e = R_e$	49.8	45.3	6.7	0.489	0.444	73.1	19.1	74.6	73.1	19.1	74.6	77.0	75.5	1.00 0.75 0.00
$Y00C_e = Y_e$	58.9	63.4	9.7	0.446	0.48	83.6	-3.2	82.4	83.6	-3.2	82.4	82.2	92.3	1.00 1.00 0.00
$Y25C_e = Y_e$	60.3	78.4	12.5	0.398	0.518	90.9	-31.3	87.1	90.9	-31.3	87.1	92.5	109.7	0.75 1.00 0.00
$Y50C_e = Y_e$	61.1	68.2	11.5	0.34	0.563	86.1	-61.8	81.2	86.1	-61.8	81.2	102.1	127.2	0.50 1.00 0.00
$Y75C_e = Y_e$	34.3	64.4	23.0	0.281	0.529	84.1	-75.8	53.5	84.1	-75.8	53.5	92.9	144.7	0.25 1.00 0.00
$G00B_e = G_e$	39.1	66.4	49.8	0.252	0.426	85.2	-63.5	20.3	85.2	-63.5	20.3	66.7	162.2	0.00 1.00 0.00
$G25B_e = G_e$	47.4	70.5	87.9	0.229	0.342	87.2	-49.1	-8.2	87.2	-49.1	-8.2	49.8	189.5	0.00 1.00 0.50
$G50B_e = G_e$	40.7	55.2	92.7	0.215	0.292	79.2	-33.5	-25.3	79.2	-33.5	-25.3	42.1	217.0	0.00 1.00 1.00
$G75B_e = G_e$	33.6	41.2	89.9	0.203	0.25	70.3	-18.6	-38.8	70.3	-18.6	-38.8	43.0	244.3	0.00 0.50 1.00
$B00R_e = B_e$	26.9	27.8	87.7	0.188	0.195	59.7	1.7	-55.4	59.7	1.7	-55.4	54.5	271.7	0.00 0.00 1.00
$B25R_e = B_e$	18.2	10.6	84.8	0.16	0.093	38.9	52.0	-56.4	38.9	52.0	-56.4	103.4	300.1	0.50 0.00 1.00
$B50R_e = B_e$	52.7	25.7	84.6	0.323	0.157	57.7	92.9	-56.7	57.7	92.9	-56.7	108.8	328.6	1.00 0.00 1.00
$B75R_e = B_e$	41.2	21.0	25.4	0.469	0.24	53.0	80.9	-4.1	53.0	80.9	-4.1	81.0	357.0	1.00 0.00 0.50

5 step equidistant grey scale with intended lightness: $L_e^* = 5.6, 28.1, 50.5, 72.9, 95.4$

Code	X_e	Y_e	Z_e	x_e	y_e	L_e^*	a_e^*	b_e^*	$L_{s,a,e}^*$	$a_{s,a,e}^*$	$b_{s,a,e}^*$	$C_{b,a,e}^*$	$h_{b,a,e}$	rgb^*
$N000W_e = N_e$	0.5	0.6	0.6	0.312	0.329	5.6	0.0	0.0	5.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e = N_e$	5.2	5.5	6.0	0.312	0.329	28.1	0.0	0.0	28.1	0.0	0.0	0.0	325.1	0.25 0.25 0.25
$N050W_e = N_e$	17.9	18.8	20.5	0.312	0.329	50.5	0.0	0.0	50.5	0.0	0.0	0.0	324.8	0.50 0.50 0.50
$N075W_e = N_e$	42.9	45.1	49.2	0.312	0.329	73.0	0.0	0.0	73.0	0.0	0.0	0.0	323.7	0.75 0.75 0.75
$N100W_e = W_e$	84.1	88.5	96.4	0.312	0.329	95.4	0.0	0.0	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00

SF32-7N, Page 5/11, LAB*a3, adapted-not adapted

TUB-test graphique SF32; CIE data sRGB display
16 step elementary hue circle; $L_r=0$ to 2,5%

rgb*% and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display $L_r=1,2\%$

16 step elementary hue circle with intended elementary hues: $h_{b,a,e} = 25.4, 92.3, 162.2, 271.7$

Code	X_e	Y_e	Z_e	x_e	y_e	L_e^*	a_e^*	b_e^*	$L_{s,a,e}^*$	$a_{s,a,e}^*$	$b_{s,a,e}^*$	$C_{b,a,e}^*$	$h_{b,a,e}$	rgb^*
$R00Y_e = R_e$	38.0	20.1	7.3	0.58	0.307	52.0	75.2	35.9	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00
$R25Y_e = R_e$	38.8	23.0	3.5	0.593	0.351	55.0	64.5	58.4	55.0	64.5	58.4	97.0	42.1	1.00 0.25 0.00
$R50Y_e = R_e$	44.0	33.5	5.3	0.531	0.404	64.5	39.6	65.7	64.5	39.6	65.7	76.7	58.8	1.00 0.50 0.00
$R75Y_e = R_e$	50.2	45.9	7.4	0.485	0.443	73.4	18.5	72.6	73.4	18.5	72.6	73.4	75.5	1.00 0.75 0.00
$Y00C_e = Y_e$	59.1	63.6	10.3	0.444	0.478	83.7	-3.2	80.7	83.7	-3.2	80.7	80.7	92.3	1.00 1.00 0.00
$Y25C_e = Y_e$	60.7	78.6	13.1	0.398	0.515	91.0	-30.8	85.6	91.0	-30.8	85.6	91.0	109.8	0.75 1.00 0.00
$Y50C_e = Y_e$	41.7	68.5	12.2	0.34	0.559	86.2	-60.7	79.8	86.2	-60.7	79.8	100.3	127.2	0.50 1.00 0.00
$Y75C_e = Y_e$	34.6	64.6	23.4	0.282	0.526	84.2	-75.0	53.0	84.2	-75.0	53.0	91.9	144.7	0.25 1.00 0.00
$G00B_e = G_e$	39.7	66.6	50.2	0.253	0.425	85.3	-62.8	20.1	85.3	-62.8	20.1	66.0	162.2	0.00 1.00 0.00
$G25B_e = G_e$	47.4	70.6	88.0	0.23	0.342	87.3	-48.6	-8.2	87.3	-48.6	-8.2	49.3	189.5	0.00 1.00 0.50
$G50B_e = G_e$	41.1	55.7	92.8	0.216	0.293	79.4	-33.3	-25.0	79.4	-33.3	-25.0	41.7	216.9	0.00 1.00 1.00
$G75B_e = G_e$	33.9	41.5	90.0	0.205	0.251	70.5	-18.3	-38.4	70.5	-18.3	-38.4	42.6	244.4	0.00 0.50 1.00
$B00R_e = B_e$	27.3	28.3	87.8	0.19	0.197	60.1	1.6	-54.8	60.1	1.6	-54.8	54.8	271.7	0.00 0.00 1.00
$B25R_e = B_e$	18.6	10.9	84.8	0.184	0.184	38.4	51.4	-58.4	38.4	51.4	-58.4	102.3	300.1	0.50 0.00 1.00
$B50R_e = B_e$	52.9	26.1	84.6	0.323	0.159	58.1	91.6	-55.9	58.1	91.6	-55.9	107.3	328.6	1.00 0.00 1.00
$B75R_e = B_e$	41.5	21.5	25.9	0.466	0.242	53.5	79.6	-4.0	53.5	79.6	-4.0	79.7	357.0	1.00 0.00 0.50

5 step equidistant grey scale with intended lightness: $L_e^* = 10.9, 32.0, 53.2, 74.3, 95.4$

Code	X_e	Y_e	Z_e	x_e	y_e	L_e^*	a_e^*	b_e^*	$L_{s,a,e}^*$	$a_{s,a,e}^*$	$b_{s,a,e}^*$	$C_{b,a,e}^*$	$h_{b,a,e}$	rgb^*
$N000W_e = N_e$	1.1	1.2	1.3	0.312	0.329	10.9	0.0	0.0	10.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N025W_e = N_e$	6.7	7.1	7.7	0.312	0.329	32.0	0.0	0.0	32.0	0.0	0.0	0.0	325.6	0.25 0.25 0.25
$N050W_e = N_e$	20.1	21.1	22.1	0.312	0.329	53.2	0.0	0.0	53.2	0.0	0.0	0.0	325.5	0.50 0.50 0.50
$N075W_e = N_e$	44.8	47.1	51.3	0.312	0.329	74.2	0.0	0.0	74.2	0.0	0.0	0.0	323.5	0.75 0.75 0.75
$N100W_e = W_e$	84.1	88.5	96.4	0.312	0.329	95.4	0.0	0.0	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00

SF32-1N, Page