

rgb^*_e and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display $L_r=5\%$

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

Code	X_e	Y_e	Z_e	x_e	y_e	L^*_e	a^*_e	b^*_e	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,a,e}$	rgb^*_e		
$R00Y_e = R_e$	39.7	23.0	10.0	0.546	0.316	55.0	67.6	32.2	55.0	67.6	32.2	74.9	25.5	1.00	0.00	0.00
$R25Y_e$	42.0	28.3	8.0	0.536	0.361	60.1	52.4	47.5	60.1	52.4	47.5	70.7	42.1	1.00	0.25	0.00
$R50Y_e$	46.6	37.6	9.5	0.497	0.401	67.7	33.4	55.4	67.7	33.4	55.4	64.7	58.9	1.00	0.50	0.00
$R75Y_e$	52.1	48.6	11.4	0.464	0.433	75.2	16.1	63.0	75.2	16.1	63.0	65.0	75.6	1.00	0.75	0.00
$Y00G_e = Y_e$	60.0	64.4	14.0	0.433	0.465	84.2	-2.8	71.7	84.2	-2.8	71.7	71.7	92.2	1.00	1.00	0.00
$Y25G_e$	62.9	79.8	16.8	0.394	0.5	91.6	-28.1	78.1	91.6	-28.1	78.1	83.0	109.7	0.75	1.00	0.00
$Y50G_e$	44.7	70.0	15.9	0.342	0.535	86.9	-54.9	72.2	86.9	-54.9	72.2	90.7	127.2	0.50	1.00	0.00
$Y75G_e$	36.6	65.5	25.9	0.285	0.511	84.7	-70.4	49.7	84.7	-70.4	49.7	86.2	144.7	0.25	1.00	0.00
$G00B_e = G_e$	41.6	67.5	52.3	0.257	0.418	85.8	-58.9	18.8	85.8	-58.9	18.8	61.9	162.2	0.00	1.00	0.00
$G25B_e$	49.0	71.4	88.3	0.234	0.341	87.6	-45.9	-7.8	87.6	-45.9	-7.8	46.5	189.6	0.00	1.00	0.50
$G50B_e$	43.1	57.4	93.0	0.222	0.296	80.4	-31.3	-23.5	80.4	-31.3	-23.5	39.2	216.9	0.00	1.00	1.00
$G75B_e$	36.2	43.9	90.3	0.212	0.257	72.1	-17.3	-35.9	72.1	-17.3	-35.9	39.8	244.2	0.00	0.50	1.00
$B00R_e = B_e$	29.8	30.9	88.2	0.2	0.207	62.4	1.5	-51.1	62.4	1.5	-51.1	51.1	271.6	0.00	0.00	1.00
$B25R_e$	20.8	12.9	85.2	0.174	0.108	42.7	48.3	-83.0	42.7	48.3	-83.0	96.1	300.1	0.50	0.00	1.00
$B50R_e$	54.2	28.8	84.2	0.324	0.172	60.6	84.4	-51.4	60.6	84.4	-51.4	98.8	328.6	1.00	0.00	1.00
$B75R_e$	43.4	24.4	29.0	0.447	0.252	56.5	72.3	-3.7	56.5	72.3	-3.7	72.4	357.0	1.00	0.00	0.50

5 step equidistant grey scale with intended lightness: $L^*_e = 26.8, 43.9, 61.1, 78.2, 95.4$

Code	X_e	Y_e	Z_e	x_e	y_e	L^*_e	a^*_e	b^*_e	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,a,e}$	rgb^*_e		
$N000W_e = N_e$	4.7	5.0	5.4	0.312	0.329	26.8	0.0	0.0	26.8	0.0	0.0	0.0	0.0	0.00	0.00	0.00
$N025W_e$	13.1	13.8	15.0	0.312	0.329	43.9	0.0	0.0	43.9	0.0	0.0	0.0	325.3	0.25	0.25	0.25
$N050W_e$	27.9	29.4	32.0	0.312	0.329	61.1	0.0	0.0	61.1	0.0	0.0	0.0	325.1	0.50	0.50	0.50
$N075W_e$	50.8	53.5	58.2	0.312	0.329	78.1	0.0	0.0	78.1	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	0.0	1.00	1.00	1.00