

rgb^* 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 luns: $h_{Lr,0.00}$ = 25, 92, 162, 271

Code	L^*	a^*	b^*	C^*	h_{ab}	rgb^*
$ROOY_r = R_r$	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
$ROOY_r = R_r$	52.2	71.9	65.7	97.1	42.1	1.00 0.25 0.00
$RS5Y_r$	63.1	42.7	70.7	82.6	58.8	1.00 0.50 0.00
$RS7Y_r$	72.7	32.2	82.4	75.5	75.5	1.00 0.75 0.00
$Y00G_r = Y_r$	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00
$Y25G_r$	80.8	-31.8	88.5	90.4	108.7	0.75 1.00 0.00
$Y50G_r$	85.9	-63.0	82.7	104.0	127.2	0.50 1.00 0.00
$Y75G_r$	84.1	-76.6	54.1	93.8	144.7	0.25 1.00 0.00
$G00R_r = G_r$	85.1	-64.2	20.5	67.4	162.2	0.00 1.00 0.00
$G25B_r$	87.3	-49.1	-8.4	50.2	189.6	0.00 1.00 0.50
$G50B_r$	78.1	-33.9	-25.6	42.5	217.0	0.00 1.00 1.00
$G75B_r$	70.1	-18.8	-38.1	24.3	244.3	0.00 0.50 1.00
$B00R_r = B_r$	59.3	17	-56.0	56.1	271.7	0.00 0.00 1.00
$R25B_r$	58.3	52.5	-90.3	104.4	300.1	0.50 0.00 1.00
$RS0B_r$	57.3	94.2	-57.4	110.4	328.6	1.00 0.00 1.00
$RS7B_r$	52.5	82.3	-4.2	82.4	357.8	1.00 0.00 0.50

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

Code	L^*_{ab}	a^*_{ab}	b^*_{ab}	$C^*_{ab,ab}$	h_{ab}	rgb^*_{ab}	Code	L^*_{ab}	a^*_{ab}	b^*_{ab}	$C^*_{ab,ab}$	h_{ab}	rgb^*_{ab}
$N00W_r = N_r$	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00	$N00W_r = N_r$	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N25W_r$	23.8	0.0	0.0	0.0	325.3	0.25 0.25 0.25	$N25W_r$	23.8	0.0	0.0	0.0	325.3	0.25 0.25 0.25
$N50W_r$	47.7	0.0	0.0	0.0	325.3	0.50 0.50 0.50	$N50W_r$	47.7	0.0	0.0	0.0	325.3	0.50 0.50 0.50
$N75W_r$	71.5	0.0	0.0	0.0	325.1	0.75 0.75 0.75	$N75W_r$	71.5	0.0	0.0	0.0	325.1	0.75 0.75 0.75
$N100W_r = W_r$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00	$N100W_r = W_r$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SS300-3N, LAB*60, adapted-not adapted

rgb^* 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 $RYGB_r$: $h_{Lr,0.00}$ = 25, 92, 162, 271

Code	L^*	a^*	b^*	C^*	h_{ab}	rgb^*
$ROOY_r = R_r$	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
$ROOY_r = R_r$	52.2	71.9	65.7	97.1	42.1	1.00 0.25 0.00
$RS5Y_r$	63.1	42.7	70.7	82.6	58.8	1.00 0.50 0.00
$RS7Y_r$	72.7	32.2	82.4	75.5	75.5	1.00 0.75 0.00
$Y00G_r = Y_r$	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00
$Y25G_r$	80.8	-31.8	88.5	90.4	108.7	0.75 1.00 0.00
$Y50G_r$	85.9	-63.0	82.7	104.0	127.2	0.50 1.00 0.00
$Y75G_r$	84.1	-76.6	54.1	93.8	144.7	0.25 1.00 0.00
$G00R_r = G_r$	85.1	-64.2	20.5	67.4	162.2	0.00 1.00 0.00
$G25B_r$	87.3	-49.1	-8.4	50.2	189.6	0.00 1.00 0.50
$G50B_r$	78.1	-33.9	-25.6	42.5	217.0	0.00 1.00 1.00
$G75B_r$	70.1	-18.8	-38.1	24.3	244.3	0.00 0.50 1.00
$B00R_r = B_r$	59.3	17	-56.0	56.1	271.7	0.00 0.00 1.00
$R25B_r$	58.3	52.5	-90.3	104.4	300.1	0.50 0.00 1.00
$RS0B_r$	57.3	94.2	-57.4	110.4	328.6	1.00 0.00 1.00
$RS7B_r$	52.5	82.3	-4.2	82.4	357.8	1.00 0.00 0.50

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

Code	$L^*_{a,e}$	$a^*_{a,e}$	$b^*_{a,e}$	$C^*_{ab,a,e}$	$h_{ab,e}$	rgb^*_e
$N00W_e = N_e$	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.0
$N25W_e$	23.8	0.0	0.0	0.0	325.3	0.25 0.25 0.2
$N50W_e$	47.7	0.0	0.0	0.0	325.1	0.50 0.50 0.5
$N75W_e$	71.4	0.0	0.0	0.0	325.1	0.75 0.75 0.7
$N100W_e = W_e$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.0

SS300-4N, LAB*60, adapted-not adapted

rgb^* 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 luns: $h_{Lr,1.2}$ = 25, 92, 162, 271

Code	L^*	a^*	b^*	C^*	h_{ab}	rgb^*
$ROOY_r = R_r$	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00
$ROOY_r = R_r$	55.0	64.5	84.8	87.0	42.1	1.00 0.25 0.00
$RS5Y_r$	64.5	29.6	65.7	76.7	58.8	1.00 0.50 0.00
$RS7Y_r$	73.4	18.5	72.6	75.0	75.5	1.00 0.75 0.00
$Y00G_r = Y_r$	83.7	-3.2	80.7	80.7	92.3	1.00 1.00 0.00
$Y25G_r$	81.0	-30.8	85.6	80.1	109.8	0.75 1.00 0.00
$Y50G_r$	86.2	-60.7	79.8	100.3	127.2	0.50 1.00 0.00
$Y75G_r$	84.2	-75.0	53.0	91.9	144.7	0.25 1.00 0.00
$G00R_r = G_r$	85.3	-62.8	20.1	66.0	162.2	0.00 1.00 0.00
$G25B_r$	87.3	-48.2	-8.2	49.3	189.6	0.00 1.00 0.50
$G50B_r$	78.4	-33.3	-25.0	41.7	216.9	0.00 1.00 1.00
$G75B_r$	70.5	-18.3	-38.4	24.6	244.0	0.00 0.50 1.00
$B00R_r = B_r$	60.1	1.6	-54.4	54.8	271.7	0.00 0.00 1.00
$R25B_r$	59.4	51.4	-88.4	102.3	300.1	0.50 0.00 1.00
$RS0B_r$	58.1	91.6	-55.9	107.3	328.6	1.00 0.00 1.00
$RS7B_r$	53.5	79.6	-4.0	79.7	357.8	1.00 0.00 0.50

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

Code	$L^*_{a,b}$	$a^*_{a,b}$	$b^*_{a,b}$	$C^*_{ab,a,b}$	h_{ab}	rgb^*_e
$N00W_g = N_g$	10.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N25W_g$	32.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
$N50W_g$	53.1	0.0	0.0	0.0	325.5	0.50 0.50 0.50
$N75W_g$	74.2	0.0	0.0	0.0	323.5	0.75 0.75 0.75
$N100W_g = W_g$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SS301-3N, LAB*62, adapted-not adapted

rgb^* 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 $RYGB_r$: $h_{Lr,1.2}$ = 25, 92, 162, 271

Code	L^*	a^*	b^*	C^*	h_{ab}	rgb^*
$ROOY_r = R_r$	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00
$ROOY_r = R_r$	55.0	64.5	84.8	87.0	42.1	1.00 0.25 0.00
$RS5Y_r$	64.5	29.6	65.7	76.7	58.8	1.00 0.50 0.00
$RS7Y_r$	73.4	18.5	72.6	75.0	75.5	1.00 0.75 0.00
$Y00G_r = Y_r$	83.7	-3.2	80.7	80.7	92.3	1.00 1.00 0.00
$Y25G_r$	81.0	-30.8	85.6	80.1	109.8	0.75 1.00 0.00
$Y50G_r$	86.2	-60.7	79.8	100.3	127.2	0.50 1.00 0.00
$Y75G_r$	84.2	-75.0	53.0	91.9	144.7	0.25 1.00 0.00
$G00R_r = G_r$	85.3	-62.8	20.1	66.0	162.2	0.00 1.00 0.00
$G25B_r$	87.3	-48.2	-8.2	49.3	189.6	0.00 1.00 0.50
$G50B_r$	78.4	-33.3	-25.0	41.7	216.9	0.00 1.00 1.00
$G75B_r$	70.5	-18.3	-38.4	24.6	244.0	0.00 0.50 1.00
$B00R_r = B_r$	60.1	1.6	-54.4	54.8	271.7	0.00 0.00 1.00
$R25B_r$	59.4	51.4	-88.4	102.3	300.1	0.50 0.00 1.00
$RS0B_r$	58.1	91.6	-55.9	107.3	328.6	1.00 0.00 1.00
$RS7B_r$	53.5	79.6	-4.0	79.7	357.8	1.00 0.00 0.50

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

Code	$L^*_{A,B}$	$a^*_{A,B}$	$b^*_{A,B}$	$C^*_{A,B,C}$	$h_{A,B,C}$	rgb^*
$N00W_g = N_g$	10.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N25W_g$	32.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
$N50W_g$	53.1	0.0	0.0	0.0	325.5	0.50 0.50 0.50
$N75W_g$	74.2	0.0	0.0	0.0	323.5	0.75 0.75 0.75
$N100W_g = W_g$	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

SS301-4N, LAB*62, adapted-not adapted

rgb^* 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 luns: $h_{Lr,0.6}$ = 25, 92, 162, 271

Code	L^*	a^*	b^*	C^*	h_{ab}	rgb^*
$ROOY_r = R_r$	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00
$ROOY_r = R_r$	53.8	67.7	61.3	91.3	42.1	1.00 0.25 0.00
$RS5Y_r$	63.8	41.1	68.0	79.5	58.8	1.00 0.50 0.00
$RS7Y_r$	73.1	19.1	74.6	75.5	75.5	1.00 0.75 0.00
$Y00G_r = Y_r$	83.6	-3.4	82.4	82.4	92.3	1.00 1.00 0.00
$Y25G_r$	80.8	-31.8	87.1	92.5	108.7	0.75 1.00 0.00
$Y50G_r$	86.1	-61.8	81.2	102.1	127.2	0.50 1.00 0.00
$Y75G_r$	84.1	-75.8	53.3	92.9	144.7	0.25 1.00 0.00
$G00R_r = G_r$	85.2	-63.5	20.3	66.7	162.2	0.00 1.00 0.00
$G25B_r$	87.2	-49.1	-8.2	49.8	189.6	0.00 1.00 0.50
$G50B_r$	79.2	-33.5	-25.3	42.1	217.0	0.00 1.00 1.00
$G75B_r$	70.3	-18.6	-38.8	24.3	244.3	0.00 0.50 1.00
$B00R_r = B_r$	59.7	17	-55.4	55.4	271.7	0.00 0.00 1.00
$R25B_r$	58.9	53.2	-90.4	102.4	300.1	0.50 0.00 1.00
$RS0B_r$	57.7	92.9	-56.7	108.8	328.6	1.00 0.00 1.00
$RS7B_r$	53.0	80.9	-4.1	81.0	357.8	1.00 0.00 0.50

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

Code	L^*_{AB}	a^*_{AB}	b^*_{AB}	$C^*_{AB,AB}$	h_{AB}	rgb^*_{AB}	Code	L^*_{AB}	a^*_{AB}	b^*_{AB}	$C^*_{AB,AB}$	h_{AB}	rgb^*_{AB}
$N00W_r = N_r$	5.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00	$N00W_r = N_r$	5.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
$N25W_r$	28.1	0.0	0.0	32.51	0.25 0.25 0.25		$N25W_r$	28.1	0.0	0.0	32.51	0.25 0.25 0.25	
$N50W_r$	50.5	0.0	0.0	32.48	0.50 0.50 0.50		$N50W_r$	50.5	0.0	0.0	32.48	0.50 0.50 0.50	
$N75W_r$	72.9	0.0	0.0	32.37	0.75 0.75 0.75		$N75W_r$	72.9	0.0	0.0	32.37	0.75 0.75 0.75	
$N100W_r = W_r$	95.4	0.0	0.0	0.0	1.00 1.00 1.00		$N100W_r = W_r$	95.4	0.0	0.0	0.0	1.00 1.00 1.00	

SS300-7N, LAB*61, adapted-not adapted

rgb^* 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 $RYGB_r$: $h_{Lr,0.6}$ = 25, 92, 162, 271

Code	$L^*a^*b^*$	$a^*a^*a^*$	$b^*a^*a^*$	C^*h_{ab}	h_{ab}	rgb^*
$ROOY_r = R_r$	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00
$0.5R_r + 0.5Y_r$	58.5	68.3	18.2	42.0	25.4	0.50 0.00 0.00
$1.5R_r + 0.5Y_r$	73.6	38.3	18.2	42.0	25.4	1.00 0.50 0.00
$ROOY_r = Y_r$	83.6	-3.4	82.4	82.4	92.2	1.00 1.00 0.00
$0.5Y_r + 0.5G_r$	80.8	-16.1	41.2	41.2	92.2	0.50 0.50 0.00
$1.5Y_r + 0.5G_r$	84.6	-1.6	41.2	41.2	92.2	1.00 1.00 0.00
$G00R_r = G_r$	85.2	-63.5	20.3	66.7	162.2	1.00 0.00 0.00
$0.5G_r + 0.5Y_r$	90.4	-31.7	10.1	33.3	162.2	0.50 0.50 0.00
$1.5G_r + 0.5Y_r$	95.3	-19.7	10.1	33.3	162.2	0.50 1.00 0.00
$ROOY_r = B_r$	59.7	1.7	-55.4	55.4	271.7	0.00 0.00 1.00
$0.5R_r + 0.5B_r$	32.7	0.8	-27.7	27.7	271.7	0.50 0.00 0.50
$1.5R_r + 0.5B_r$	77.6	0.8	-27.7	27.7	271.7	0.50 0.50 1.00