

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

16 step elementary hue circle with luns: $h_{a,b,c,d,e} = 25, 92, 162, 271$

Code	L^*	a^*	b^*	C^*	h_{ab}	h_{cb}	h_{db}	h_{eb}
$ROVY_e = R_e$	50.9	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00	0.00
$R25Y_e$	52.2	71.9	65.2	97.1	42.1	1.00 0.25 0.00	0.00	0.00
$R50Y_e$	63.1	42.7	70.7	82.6	58.8	1.00 0.50 0.00	0.00	0.00
$R75Y_e$	72.7	27.2	78.2	75.5	1.00 0.75 0.00	0.00	0.00	0.00
$Y00G_e = Y_e$	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00	0.00	0.00
$Y25G_e$	90.8	-31.8	88.5	90.4	109.7	0.75 1.00 0.00	0.00	0.00
$Y50G_e$	85.9	-63.0	82.7	104.0	127.2	0.50 1.00 0.00	0.00	0.00
$Y75G_e$	84.1	-76.6	54.1	93.8	144.7	0.25 1.00 0.00	0.00	0.00
$G00B_e = G_e$	85.1	-64.2	20.5	67.4	162.2	0.00 1.00 0.00	0.00	0.00
$G25B_e$	79.1	-49.5	-8.4	50.2	189.6	0.00 1.00 0.50	0.00	0.00
$G50B_e$	78.1	-39.1	-25.6	42.5	217.0	0.00 1.00 1.00	0.00	0.00
$G75B_e$	70.1	-18.8	-38.1	24.3	244.3	0.00 1.00 1.00	0.00	0.00
$B00R_e = R_e$	50.9	1.7	-56.0	56.1	271.7	0.00 0.00 1.00	0.00	0.00
$R25R_e$	58.3	52.5	-90.3	104.4	300.1	0.50 0.00 1.00	0.00	0.00
$R50R_e$	57.3	94.2	-57.4	110.4	328.6	1.00 0.00 1.00	0.00	0.00
$R75R_e$	52.5	82.3	-4.2	82.4	357.8	1.00 0.00 0.50	0.00	0.00

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

Code	L^*	a^*	b^*	C^*	h_{ab}	h_{cb}	h_{db}	h_{eb}
$N00W_e = N_e$	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00	0.00	0.00
$N25W_e$	23.8	0.0	0.0	0.0	35.3	0.25 0.25 0.25	0.25	0.25
$N50W_e$	47.7	0.0	0.0	0.0	35.1	0.50 0.50 0.50	0.50	0.50
$N75W_e$	71.5	0.0	0.0	0.0	35.1	0.75 0.75 0.75	0.75	0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00	1.00	1.00

AI920-3N, LAB*100, adapted-not adapted

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

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

Code	L^*	a^*	b^*	C^*	h_{ab}	h_{cb}	h_{db}	h_{eb}
$ROVY_e = R_e$	50.9	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00	0.00
$0.5R_e + 0.5Y_e$	54.4	39.0	18.5	43.2	25.4	1.00 0.50 0.00	0.00	0.00
$0.5R_e + 0.5B_e$	73.1	39.0	18.5	43.2	25.4	1.00 0.50 0.50	0.00	0.00
$Y00G_e = Y_e$	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00	0.00	0.00
$0.5Y_e + 0.5B_e$	85.1	-17.4	42.1	42.1	92.3	0.50 0.50 0.00	0.00	0.00
$0.5Y_e + 0.5R_e$	85.1	-17.4	42.1	42.1	92.3	1.00 0.50 0.50	0.00	0.00
$G00B_e = G_e$	85.1	-64.2	20.5	67.4	162.2	0.00 1.00 0.00	0.00	0.00
$0.5G_e + 0.5Y_e$	42.5	-32.1	10.2	33.7	162.2	0.50 1.00 0.00	0.00	0.00
$0.5G_e + 0.5R_e$	42.5	-32.1	10.2	33.7	162.2	0.50 1.00 0.50	0.00	0.00
$B00R_e = R_e$	50.9	1.7	-56.0	56.1	271.7	0.00 0.00 1.00	0.00	0.00
$0.5B_e + 0.5Y_e$	29.6	0.8	-28.0	28.0	271.7	0.00 0.00 0.50	0.00	0.00
$0.5B_e + 0.5R_e$	77.4	0.8	-28.0	28.0	271.7	0.50 0.50 1.00	0.00	0.00

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

Code	L^*	a^*	b^*	C^*	h_{ab}	h_{cb}	h_{db}	h_{eb}
$N00W_e = N_e$	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00	0.00	0.00
$N25W_e$	23.8	0.0	0.0	0.0	35.3	0.25 0.25 0.25	0.25	0.25
$N50W_e$	47.7	0.0	0.0	0.0	35.1	0.50 0.50 0.50	0.50	0.50
$N75W_e$	71.5	0.0	0.0	0.0	35.1	0.75 0.75 0.75	0.75	0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00	1.00	1.00

AI920-4N, LAB*100, adapted-not adapted

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

16 step elementary hue circle with luns: $h_{a,b,c,d,e} = 25, 92, 162, 271$

Code	L^*	a^*	b^*	C^*	h_{ab}	h_{cb}	h_{db}	h_{eb}
$ROVY_e = R_e$	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00	0.00	0.00
$R25Y_e$	55.0	64.5	58.4	87.0	42.1	1.00 0.25 0.00	0.00	0.00
$R50Y_e$	64.5	29.6	65.7	76.7	58.8	1.00 0.50 0.00	0.00	0.00
$R75Y_e$	73.4	18.5	72.6	75.0	75.6	1.00 0.75 0.00	0.00	0.00
$Y00G_e = Y_e$	83.7	-3.2	80.7	80.7	92.3	1.00 1.00 0.00	0.00	0.00
$Y25G_e$	90.1	-30.8	85.0	90.1	109.8	0.75 1.00 0.00	0.00	0.00
$Y50G_e$	86.2	-60.7	79.8	100.3	127.2	0.50 1.00 0.00	0.00	0.00
$Y75G_e$	84.2	-75.0	53.0	91.9	144.7	0.25 1.00 0.00	0.00	0.00
$G00B_e = G_e$	85.3	-62.8	20.1	66.0	162.2	0.00 1.00 0.00	0.00	0.00
$G25B_e$	79.3	-48.6	-8.2	49.3	189.6	0.00 1.00 0.50	0.00	0.00
$G50B_e$	79.4	-33.1	-25.0	41.7	216.9	0.00 1.00 1.00	0.00	0.00
$G75B_e$	70.5	-18.3	-38.4	24.6	244.3	0.00 1.00 1.00	0.00	0.00
$B00R_e = R_e$	60.1	1.6	-54.4	54.6	271.7	0.00 0.00 1.00	0.00	0.00
$R25R_e$	59.4	51.4	-88.4	102.3	300.1	0.50 0.00 1.00	0.00	0.00
$R50R_e$	58.1	91.6	-55.9	107.3	328.6	1.00 0.00 1.00	0.00	0.00
$R75R_e$	53.5	79.6	-4.0	79.7	357.8	1.00 0.00 0.50	0.00	0.00

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

Code	L^*	a^*	b^*	C^*	h_{ab}	h_{cb}	h_{db}	h_{eb}
$N00W_e = N_e$	10.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00	0.00	0.00
$N25W_e$	32.0	0.0	0.0	0.0	35.6	0.25 0.25 0.25	0.25	0.25
$N50W_e$	53.2	0.0	0.0	0.0	35.5	0.50 0.50 0.50	0.50	0.50
$N75W_e$	74.3	0.0	0.0	0.0	35.5	0.75 0.75 0.75	0.75	0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00	1.00	1.00

AI921-3N, LAB*12, adapted-not adapted

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

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

Code	L^*	a^*	b^*	C^*	h_{ab}	h_{cb}	h_{db}	h_{eb}
$ROVY_e = R_e$	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00	0.00	0.00
$0.5R_e + 0.5Y_e$	55.1	35.1	37.6	17.9	41.7	25.4	0.50 0.00 0.00	0.00
$0.5R_e + 0.5B_e$	73.7	37.6	17.9	41.7	25.4	0.50 0.50 0.00	0.00	0.00
$Y00G_e = Y_e$	83.7	-3.2	80.7	80.7	92.3	1.00 1.00 0.00	0.00	0.00
$0.5Y_e + 0.5B_e$	85.3	-16.2	40.3	40.3	92.3	0.50 0.50 0.00	0.00	0.00
$0.5Y_e + 0.5R_e$	85.3	-16.2	40.3	40.3	92.3	1.00 0.50 0.50	0.00	0.00
$G00B_e = G_e$	85.3	-62.8	20.1	66.0	162.2	0.00 1.00 0.00	0.00	0.00
$0.5G_e + 0.5Y_e$	48.1	-31.4	10.0	33.0	162.2	0.50 1.00 0.00	0.00	0.00
$0.5G_e + 0.5R_e$	48.1	-31.4	10.0	33.0	162.2	0.50 1.00 0.50	0.00	0.00
$B00R_e = R_e$	60.1	1.6	-54.4	54.6	271.7	0.00 0.00 1.00	0.00	0.00
$0.5B_e + 0.5Y_e$	35.5	0.8	-27.4	27.4	271.7	0.00 0.00 0.50	0.00	0.00
$0.5B_e + 0.5R_e$	77.7	0.8	-27.4	27.4	271.7	0.50 0.50 1.00	0.00	0.00

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

Code	L^*	a^*	b^*	C^*	h_{ab}	h_{cb}	h_{db}	h_{eb}
$N00W_e = N_e$	10.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00	0.00	0.00
$N25W_e$	32.0	0.0	0.0	0.0	35.6	0.25 0.25 0.25	0.25	0.25
$N50W_e$	53.2	0.0	0.0	0.0	35.5	0.50 0.50 0.50	0.50	0.50
$N75W_e$	74.3	0.0	0.0	0.0	35.5	0.75 0.75 0.75	0.75	0.75
$N100W_e = W_e$	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00	1.00	1.00

AI921-4N, LAB*12, adapted-not adapted

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

16 step elementary hue circle with luns: $h_{a,b,c,d,e} = 25, 92, 162, 271$

Code	L^*	a^*	b^*	C^*	h_{ab}	h_{cb}	h_{db}	h_{eb}
$ROVY_e = R_e$	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00	0.00	0.00
$R25Y_e$	53.8	67.7	61.3	91.3	42.1	1.00 0.25 0.00	0.00	0.00
$R50Y_e$	63.8	41.1	68.0	79.5	58.8	1.00 0.50 0.00	0.00	0.00
$R75Y_e$	73.1	19.1	74.6	75.0	75.5	1.00 0.75 0.00	0.00	0.00
$Y00G_e = Y_e$	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00	0.00	0.00
$Y25G_e$	90.8	-31.8	87.1	92.5	109.7	0.75 1.00 0.00	0.00	0.00
$Y50G_e$	86.1	-61.8	81.2	102.1	127.2	0.50 1.00 0.00	0.00	0.00
$Y75G_e$	84.1	-75.8	53.3	92.9	144.7	0.25 1.00 0.00	0.00	0.00
$G00B_e = G_e$	85.2	-63.5	20.3	66.7	162.2	0.00 1.00 0.00	0.00	0.00
$G25B_e$	79.2	-49.1	-8.2	49.8	189.6	0.00 1.00 0.50	0.00	0.00
$G50B_e$	79.2	-33.5	-25.3	42.1	217.0	0.00 1.00 1.00	0.00	0.00
$G75B_e$	70.3	-18.6	-38.8	24.3	244.3	0.00 1.00 1.00	0.00	0.00
$B00R_e = R_e$	50.7	1.7	-55.4	55.4	271.7	0.00 0.00 1.00	0.00	0.00
$R25R_e$	58.9	53.2	-89.4	102.4	300.1	0.50 0.00 1.00	0.00	0.00
$R50R_e$	57.7	92.9	-56.7	108.8	328.6	1.00 0.00 1.00	0.00	0.00
$R75R_e$	53.0	80.9	-4.1	81.0	357.8	1.00 0.00 0.50	0.00	0.00

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

Code	L^*	a^*	b^*	C^*	h_{ab}	h_{cb}	h_{db}	h_{eb}
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