

rgb -> 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 hues: $h_{RGB} = 25.4, 92.3, 162.2, 271.7$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
r00j-R	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
r25j	52.2	71.9	65.2	97.1	42.1	1.00 0.25 0.00
r50j	63.1	42.7	70.7	82.8	58.8	1.00 0.50 0.00
r75j	72.7	19.7	76.7	79.2	75.5	1.00 0.75 0.00
j00j-J	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00
j25j	90.8	-31.8	88.5	94.0	109.7	0.75 1.00 0.00
j50j	85.9	-63.2	82.7	104.0	127.2	0.50 1.00 0.00
j75j	84.1	-75.5	54.1	93.9	144.7	0.25 1.00 0.00
g00j-G	85.1	-64.2	20.5	67.4	162.2	0.00 1.00 0.00
g25j	87.1	-49.5	-8.4	50.2	189.6	0.00 1.00 0.50
g50j	79.1	-39.3	-25.6	42.5	217.0	0.00 1.00 1.00
g75j	78.1	-18.8	-39.1	43.4	244.4	0.00 0.50 1.00
b00j-B	59.3	1.7	-56.0	56.1	271.7	0.00 0.00 1.00
b25j	38.3	52.5	-90.3	104.4	300.1	0.50 0.00 1.00
b50j	57.3	94.2	-57.4	110.0	328.6	1.00 0.00 1.00
b75j	52.5	82.3	-42	82.4	357.0	1.00 0.00 0.50

5 step equidistant grey scale: $L^* = 0.8, 23.8, 47.7, 71.5, 95.4$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
n00w=N	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	23.8	0.0	0.0	0.0	325.5	0.25 0.25 0.25
n050w	47.7	0.0	0.0	0.0	325.5	0.50 0.50 0.50
n075w	71.4	0.0	0.0	0.0	325.5	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00

KE170-3N, LAB*la0, adapted=not adapted

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

3 colours of the elementary hues RGB: $h_{RGB} = 25.4, 92.3, 162.2, 271.7$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
r00j-R	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
0.5j(R+N)	53.1	39.0	18.5	43.2	25.4	0.50 0.00 0.00
0.5j(R+W)	73.1	39.0	18.5	43.2	25.4	1.00 0.50 0.50
j00j-J	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00
0.5j(J+W)	84.1	-17.4	42.1	42.1	92.3	0.50 0.50 0.00
0.5j(J+W)	85.1	-17	42.1	42.1	92.3	1.00 1.00 0.50
g00j-G	85.1	-64.2	20.5	67.4	162.2	0.00 1.00 0.00
0.5j(G+W)	85.2	-32.1	10.2	33.7	162.2	0.00 0.50 0.50
0.5j(G+W)	90.2	-32.1	10.2	33.7	162.2	0.50 0.50 0.50
b00j-B	59.3	1.7	-56.0	56.1	271.7	0.00 0.00 1.00
0.5j(B+W)	29.6	0.8	-28.0	28.0	271.7	0.00 0.00 0.50
0.5j(B+W)	77.4	0.8	-28.0	28.0	271.7	0.50 0.50 1.00

5 step equidistant grey scale: $L^* = 0.8, 23.8, 47.7, 71.5, 95.4$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
n00w=N	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	23.8	0.0	0.0	0.0	325.5	0.25 0.25 0.25
n050w	47.7	0.0	0.0	0.0	325.5	0.50 0.50 0.50
n075w	71.4	0.0	0.0	0.0	325.5	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00

KE170-4N, LAB*la0, adapted=not adapted

rgb -> 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 hues: $h_{RGB} = 25.4, 92.3, 162.2, 271.7$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
r00j-R	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00
r25j	55.0	64.5	58.4	87.0	42.1	1.00 0.25 0.00
r50j	64.5	36.9	65.7	76.7	58.8	1.00 0.50 0.00
r75j	73.4	18.5	72.6	75.0	75.5	1.00 0.75 0.00
j00j-J	83.7	-3.2	80.7	80.7	92.3	1.00 1.00 0.00
j25j	91.0	-30.8	85.6	91.0	109.8	0.75 1.00 0.00
j50j	86.2	-60.7	79.8	100.3	127.2	0.50 1.00 0.00
j75j	84.2	-75.0	53.0	91.9	144.7	0.25 1.00 0.00
g00j-G	85.3	-62.8	20.1	66.0	162.2	0.00 1.00 0.00
g25j	87.3	-48.6	-8.2	49.3	189.5	0.00 1.00 0.50
g50j	79.4	-33.3	-25.0	41.7	216.9	0.00 1.00 1.00
g75j	78.5	-18.3	-38.4	42.6	244.0	0.00 0.50 1.00
b00j-B	60.1	1.6	-54.8	54.8	271.7	0.00 0.00 1.00
b25j	39.4	51.4	-88.4	102.3	300.1	0.50 0.00 1.00
b50j	58.1	91.6	-55.9	107.3	328.6	1.00 0.00 1.00
b75j	53.5	79.6	-40	79.7	357.0	1.00 0.00 0.50

5 step equidistant grey scale: $L^* = 18.9, 32.8, 53.2, 74.3, 95.4$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
n00w=N	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	18.9	0.0	0.0	0.0	325.5	0.25 0.25 0.25
n050w	32.8	0.0	0.0	0.0	325.5	0.50 0.50 0.50
n075w	53.2	0.0	0.0	0.0	325.5	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00

KE171-3N, LAB*la2, adapted=not adapted

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

3 colours of the elementary hues RGB: $h_{RGB} = 25.4, 92.3, 162.2, 271.7$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
r00j-R	52.0	75.2	35.9	83.4	25.4	1.00 0.00 0.00
0.5j(R+N)	31.5	37.6	17.9	41.7	25.4	0.50 0.00 0.00
0.5j(R+W)	73.7	37.6	17.9	41.7	25.4	1.00 0.50 0.50
j00j-J	83.7	-3.2	80.7	80.7	92.3	1.00 1.00 0.00
0.5j(J+W)	47.3	-1.6	40.3	40.3	92.3	0.50 0.50 0.00
0.5j(J+W)	85.5	-1.6	40.3	40.3	92.3	1.00 1.00 0.50
g00j-G	85.3	-62.8	20.1	66.0	162.2	0.00 1.00 0.00
0.5j(G+N)	48.1	-31.4	10.0	33.0	162.2	0.00 0.50 0.50
0.5j(G+N)	90.3	-31.4	10.0	33.0	162.2	0.50 0.50 0.50
b00j-B	60.1	1.6	-54.8	54.8	271.7	0.00 0.00 1.00
0.5j(B+W)	35.5	0.8	-27.4	27.4	271.7	0.00 0.00 0.50
0.5j(B+W)	77.7	0.8	-27.4	27.4	271.7	0.50 0.50 1.00

5 step equidistant grey scale: $L^* = 18.9, 32.8, 53.2, 74.3, 95.4$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
n00w=N	0.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	18.9	0.0	0.0	0.0	325.5	0.25 0.25 0.25
n050w	32.8	0.0	0.0	0.0	325.5	0.50 0.50 0.50
n075w	53.2	0.0	0.0	0.0	325.5	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00

KE171-4N, LAB*la2, adapted=not adapted

rgb -> 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 hues: $h_{RGB} = 25.4, 92.3, 162.2, 271.7$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
r00j-R	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00
r25j	53.8	67.7	61.3	91.3	42.1	1.00 0.25 0.00
r50j	63.8	41.0	68.0	79.5	58.8	1.00 0.50 0.00
r75j	73.1	19.1	74.6	77.9	75.5	1.00 0.75 0.00
j00j-J	83.6	-3.3	82.4	82.4	92.3	1.00 1.00 0.00
j25j	90.9	-31.3	87.1	92.5	109.7	0.75 1.00 0.00
j50j	86.1	-61.8	81.2	102.1	127.2	0.50 1.00 0.00
j75j	84.1	-75.8	53.5	92.9	144.7	0.25 1.00 0.00
g00j-G	85.2	-63.5	20.3	66.7	162.2	0.00 1.00 0.00
g25j	87.2	-49.4	-8.9	49.3	189.5	0.00 1.00 0.50
g50j	79.2	-33.5	-25.3	42.1	217.0	0.00 1.00 1.00
g75j	78.3	-18.6	-38.8	43.0	244.4	0.00 0.50 1.00
b00j-B	59.7	1.7	-55.4	55.4	271.7	0.00 0.00 1.00
b25j	38.9	52.0	-89.4	103.4	300.1	0.50 0.00 1.00
b50j	57.7	92.9	-56.7	108.8	328.6	1.00 0.00 1.00
b75j	53.0	80.9	-41	81.0	357.0	1.00 0.00 0.50

5 step equidistant grey scale: $L^* = 5.6, 28.1, 58.5, 72.8, 95.4$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
n00w=N	5.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	28.1	0.0	0.0	0.0	325.1	0.25 0.25 0.25
n050w	58.5	0.0	0.0	0.0	324.8	0.50 0.50 0.50
n075w	73.0	0.0	0.0	0.0	323.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00

KE170-7N, LAB*la1, adapted=not adapted

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

3 colours of the elementary hues RGB: $h_{RGB} = 25.4, 92.3, 162.2, 271.7$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
r00j-R	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00
0.5j(R+N)	28.5	38.3	18.2	42.4	25.4	0.50 0.00 0.00
0.5j(R+W)	73.4	38.3	18.2	42.4	25.4	1.00 0.50 0.50
j00j-J	83.6	-3.2	82.4	82.4	92.3	1.00 1.00 0.00
0.5j(J+W)	44.6	-1.6	41.2	41.2	92.3	0.50 0.50 0.00
0.5j(J+W)	89.5	-1.6	41.2	41.2	92.3	1.00 1.00 0.50
g00j-G	85.2	-63.5	20.3	66.7	162.2	0.00 1.00 0.00
0.5j(G+N)	45.4	-31.7	10.1	33.3	162.2	0.00 0.50 0.50
0.5j(G+N)	90.3	-31.7	10.1	33.3	162.2	0.50 0.50 0.50
b00j-B	59.7	1.7	-55.4	55.4	271.7	0.00 0.00 1.00
0.5j(B+W)	32.7	0.8	-27.7	27.7	271.7	0.00 0.00 0.50
0.5j(B+W)	77.6	0.8	-27.7	27.7	271.7	0.50 0.50 1.00

5 step equidistant grey scale: $L^* = 5.6, 28.1, 58.5, 72.8, 95.4$

Code	L^*	a^*	b^*	$C^*_{a,b}$	h_{ab}	rgb -> rgb*
n00w=N	5.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	28.1	0.0	0.0	0.0	325.1	0.25 0.25 0.25
n050w	58.5	0.0	0.0	0.0	324.8	0.50 0.50 0.50
n075w	73.0	0.0	0.0	0.0	323.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	1.00	1.00 1.00 1.00

KE170-8N, LAB*la1, adapted=not adapted

rgb -> rgb* and CIE data of a elementary hue circle according to CIE R1-47:2009 for sRGB display $L_r=2.5\%$