

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: $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	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	82.6	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
j00g=J	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00
j25g	90.8	-31.8	88.5	94.0	109.7	0.75 1.00 0.00
j50g	85.9	-63.0	82.7	104.0	127.2	0.50 1.00 0.00
j75g	84.1	-76.6	54.1	93.8	144.7	0.25 1.00 0.00
g00b=G	85.1	-64.2	20.5	67.4	162.2	0.00 1.00 0.00
g25b	87.1	-49.5	-8.4	50.2	189.6	0.00 1.00 0.50
g50b	79.1	-33.9	-25.6	42.5	217.0	0.00 1.00 1.00
g75b	70.1	-18.8	-39.1	43.4	244.2	0.00 0.50 1.00
b00r=B	59.3	1.7	-56.0	56.1	271.7	0.00 0.00 1.00
b25r	38.3	52.5	-90.3	104.4	300.1	0.50 0.00 1.00
b50r	57.3	94.2	-57.4	110.4	328.6	1.00 0.00 1.00
b75r	52.5	82.3	-4.2	82.4	357.0	1.00 0.00 0.50

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

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
n000w=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	325.3	0.25 0.25 0.25
n050w	47.7	0.0	0.0	0.0	325.1	0.50 0.50 0.50
n075w	71.4	0.0	0.0	0.0	325.1	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	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 $L_r=0.6\%$

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

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	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	41.1	68.0	79.5	58.8	1.00 0.50 0.00
r75j	73.1	19.1	74.6	77.0	75.5	1.00 0.75 0.00
j00g=J	83.6	-3.2	82.4	82.4	92.2	1.00 1.00 0.00
j25g	90.9	-31.3	87.1	92.5	109.7	0.75 1.00 0.00
j50g	86.1	-61.8	81.2	102.1	127.2	0.50 1.00 0.00
j75g	84.1	-75.8	53.5	92.9	144.7	0.25 1.00 0.00
g00b=G	85.2	-63.5	20.3	66.7	162.2	0.00 1.00 0.00
g25b	87.2	-49.1	-8.2	49.8	189.5	0.00 1.00 0.50
g50b	79.2	-33.5	-25.3	42.1	217.0	0.00 1.00 1.00
g75b	70.3	-18.6	-38.8	43.0	244.3	0.00 0.50 1.00
b00r=B	59.7	1.7	-55.4	55.4	271.7	0.00 0.00 1.00
b25r	38.9	52.0	-89.4	103.4	300.1	0.50 0.00 1.00
b50r	57.7	92.9	-56.7	108.8	328.6	1.00 0.00 1.00
b75r	53.0	80.9	-4.1	81.0	357.0	1.00 0.00 0.50

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

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
n000w=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	50.5	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	0.0	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 $L_r=0\%$

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

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
r00j=R	50.9	78.1	37.1	86.4	25.4	1.00 0.00 0.00
0,5(R+N)	25.4	39.0	18.5	43.2	25.4	0.50 0.00 0.00
0,5(R+W)	73.1	39.0	18.5	43.2	25.4	1.00 0.50 0.50
j00g=J	83.6	-3.4	84.2	84.3	92.3	1.00 1.00 0.00
0,5(J+N)	41.8	-1.7	42.1	42.1	92.3	0.50 0.50 0.00
0,5(J+W)	89.5	-1.7	42.1	42.1	92.3	1.00 1.00 0.50
g00b=G	85.1	-64.2	20.5	67.4	162.2	0.00 1.00 0.00
0,5(G+N)	42.5	-32.1	10.2	33.7	162.2	0.00 0.50 0.00
0,5(G+W)	90.2	-32.1	10.2	33.7	162.2	0.50 1.00 0.50
b00r=B	59.3	1.7	-56.0	56.1	271.7	0.00 0.00 1.00
0,5(B+N)	29.6	0.8	-28.0	28.0	271.7	0.00 0.00 0.50
0,5(B+W)	77.4	0.8	-28.0	28.0	271.7	0.50 0.50 1.00

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

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
n000w=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	325.3	0.25 0.25 0.25
n050w	47.7	0.0	0.0	0.0	325.1	0.50 0.50 0.50
n075w	71.4	0.0	0.0	0.0	325.1	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	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 $L_r=0.6\%$

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

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
r00j=R	51.4	76.6	36.5	84.9	25.4	1.00 0.00 0.00
0,5(R+N)	28.5	38.3	18.2	42.4	25.4	0.50 0.00 0.00
0,5(R+W)	73.4	38.3	18.2	42.4	25.4	1.00 0.50 0.50
j00g=J	83.6	-3.2	82.4	82.4	92.2	1.00 1.00 0.00
0,5(J+N)	44.6	-1.6	41.2	41.2	92.2	0.50 0.50 0.00
0,5(J+W)	89.5	-1.6	41.2	41.2	92.2	1.00 1.00 0.50
g00b=G	85.2	-63.5	20.3	66.7	162.2	0.00 1.00 0.00
0,5(G+N)	45.4	-31.7	10.1	33.3	162.2	0.00 0.50 0.00
0,5(G+W)	90.3	-31.7	10.1	33.3	162.2	0.50 1.00 0.50
b00r=B	59.7	1.7	-55.4	55.4	271.7	0.00 0.00 1.00
0,5(B+N)	32.7	0.8	-27.7	27.7	271.7	0.00 0.00 0.50
0,5(B+W)	77.6	0.8	-27.7	27.7	271.7	0.50 0.50 1.00

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

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
n000w=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	50.5	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	0.0	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 $L_r=1.2\%$

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

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	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	39.6	65.7	76.7	58.8	1.00 0.50 0.00
r75j	73.4	18.5	72.6	75.0	75.6	1.00 0.75 0.00
j00g=J	83.7	-3.2	80.7	80.7	92.3	1.00 1.00 0.00
0,5(J+N)	91.0	-30.8	85.6	91.0	109.8	0.75 1.00 0.00
0,5(J+W)	86.2	-60.7	79.8	100.3	127.2	0.50 1.00 0.00
j75g	84.2	-75.0	53.0	91.9	144.7	0.25 1.00 0.00
g00b=G	85.3	-62.8	20.1	66.0	162.2	0.00 1.00 0.00
g25b	87.3	-48.6	-8.2	49.3	189.5	0.00 1.00 0.50
g50b	79.4	-33.3	-25.0	41.7	216.9	0.00 1.00 1.00
g75b	70.5	-18.3	-38.4	42.6	244.4	0.00 0.50 1.00
b00r=B	60.1	1.6	-54.8	54.8	271.7	0.00 0.00 1.00
b25r	39.4	51.4	-88.4	102.3	300.1	0.50 0.00 1.00
b50r	58.1	91.6	-55.9	107.3	328.6	1.00 0.00 1.00
b75r	53.5	79.6	-4.0	79.7	357.0	1.00 0.00 0.50

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

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
n000w=N	10.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	32.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
n050w	53.1	0.0	0.0	0.0	325.5	0.50 0.50 0.50
n075w	74.2	0.0	0.0	0.0	323.5	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	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 $L_r=2.5\%$

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

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
r00j=R	53.0	72.6	34.5	80.4	25.4	1.00 0.00 0.00
r25j	57.1	59.5	53.9	80.3	42.1	1.00 0.25 0.00
r50j	65.7	37.3	61.7	72.1	58.8	1.00 0.50 0.00
r75j	74.0	17.7	69.0	71.2	75.6	1.00 0.75 0.00
j00g=J	83.8	-3.0	77.4	77.5	92.2	1.00 1.00 0.00
j25g	91.2	-29.9	83.0	88.2	109.8	0.75 1.00 0.00
j50g	86.5	-58.7	77.1	96.9	127.2	0.50 1.00 0.00
j75g	84.4	-73.5	51.9	90.0	144.7	0.25 1.00 0.00
g00b=G	85.4	-61.5	19.7	64.6	162.1	0.00 1.00 0.00
g25b	87.4	-47.7	-8.0	48.4	189.5	0.00 1.00 0.50
g50b	79.7	-32.6	-24.6	40.8	217.0	0.00 1.00 1.00
g75b	71.1	-18.0	-37.5	41.6	244.3	0.00 0.50 1.00
b00r=B	60.9	1.6	-53.5	53.6	271.7	0.00 0.00 1.00
b25r	40.5	50.3	-86.6	100.2	300.1	0.50 0.00 1.00
b50r	59.0	89.1	-54.4	104.4	328.6	1.00 0.00 1.00
b75r	54.5	77.1	-4.0	77.2	357.0	1.00 0.00 0.50

5 step equidistant grey scale: $L^* = 18.0, 37.3, 56.7, 76.0, 95.4$

Code	L^*_a	a^*_a	b^*_a	$C^*_{ab,a}$	h_{ab}	rgb -> rgb*
n000w=N	18.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	37.3	0.0	0.0	0.0	325.3	0.25 0.25 0.25
n050w	56.7	0.0	0.0	0.0	324.8	0.50 0.50 0.50
n075w	76.1	0.0	0.0	0.0	323.7	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00