

rgb -> rgb*- und CIE-Daten von Elementar-Bunttonkreis nach CIE R1-47:2009 für Photodrucker

Code	L*a	a*a	b*a	C*ab,a	h _{ab}	rgb -> rgb*
Rot R der Elementar-Bunttöne <i>RJGB</i> : $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
r00j=R	34.1	61.4	29.2	68.0	25.4	1.00 0.00 0.00
0,5(R+N)	21.4	30.7	14.6	34.0	25.4	0.50 0.00 0.00
0,5(R+W)	63.4	30.7	14.6	34.0	25.4	1.00 0.50 0.50
5-stufige gleichabständige Graureihe: $L^* = 8.6, 29.6, 50.6, 71.6, 92.6$						
n000w=N	8.7	0.0	0.0	0.0	1.2	0.00 0.00 0.00
n025w	29.6	-0.3	-7.1	7.1	266.8	0.25 0.25 0.25
n050w	50.7	-2.8	-5.4	6.1	242.2	0.50 0.50 0.50
n075w	71.7	-1.8	-5.0	5.3	250.0	0.75 0.75 0.75
n100w=W	92.6	0.0	0.0	0.0	220.9	1.00 1.00 1.00

KG310-1N, Photodrucker, Drucker-Separation olv*

rgb -> rgb*- und CIE-Daten von Elementar-Bunttonkreis nach CIE R1-47:2009 für Photodrucker

Code	L*a	a*a	b*a	C*ab,a	h _{ab}	rgb -> rgb*
Elementar-Bunttonkreis <i>RJGB</i> : $h_{ab} = 25.4, 92.3, 162.2, 271.7$						
r00j=R	34.1	61.4	29.2	68.0	25.4	1.00 0.00 0.00
r25j	39.9	54.2	49.2	73.2	42.2	1.00 0.25 0.00
r50j	52.8	38.2	63.2	73.9	58.8	1.00 0.50 0.00
r75j	65.4	20.5	79.9	82.5	75.5	1.00 0.75 0.00
5-stufige gleichabständige Graureihe: $L^* = 8.6, 29.6, 50.6, 71.6, 92.6$						
n000w=N	8.7	0.0	0.0	0.0	1.2	0.00 0.00 0.00
n025w	29.6	-0.3	-7.1	7.1	266.8	0.25 0.25 0.25
n050w	50.7	-2.8	-5.4	6.1	242.2	0.50 0.50 0.50
n075w	71.7	-1.8	-5.0	5.3	250.0	0.75 0.75 0.75
n100w=W	92.6	0.0	0.0	0.0	220.9	1.00 1.00 1.00

KG310-2N, Photodrucker, Drucker-Separation olv*

rgb -> rgb*- und CIE-Daten von Elementar-Bunttonkreis nach CIE R1-47:2009 für sRGB-Display $L_r=0\%$

Code	L*a	a*a	b*a	C*ab,a	h _{ab}	rgb -> rgb*
Rot R der Elementar-Bunttöne <i>RJGB</i> : $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
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
5-stufige gleichabständige Graureihe: $L^* = 0.0, 23.8, 47.7, 71.5, 95.4$						
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

KG310-3N

rgb -> rgb*- und CIE-Daten von Elementar-Bunttonkreis nach CIE R1-47:2009 für sRGB-Display $L_r=0\%$

Code	L*a	a*a	b*a	C*ab,a	h _{ab}	rgb -> rgb*
Elementar-Bunttonkreis mit Buntton: $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
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
5-stufige gleichabständige Graureihe: $L^* = 0.0, 23.8, 47.7, 71.5, 95.4$						
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

KG310-1N

rgb -> rgb*- und CIE-Daten von Elementar-Bunttonkreis nach CIE R1-47:2009 für sRGB-Display $L_r=2,5\%$

Code	L*a	a*a	b*a	C*ab,a	h _{ab}	rgb -> rgb*
Rot R der Elementar-Bunttöne <i>RJGB</i> : $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
r00j=R	53.0	72.6	34.5	80.4	25.4	1.00 0.00 0.00
0,5(R+N)	35.5	36.3	17.2	40.2	25.4	0.50 0.00 0.00
0,5(R+W)	74.2	36.3	17.2	40.2	25.4	1.00 0.50 0.50
5-stufige gleichabständige Graureihe: $L^* = 18.0, 37.3, 56.7, 76.0, 95.4$						
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

KG310-3N

rgb -> rgb*- und CIE-Daten von Elementar-Bunttonkreis nach CIE R1-47:2009 für sRGB-Display $L_r=2,5\%$

Code	L*a	a*a	b*a	C*ab,a	h _{ab}	rgb -> rgb*
Elementar-Bunttonkreis mit Buntton: $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
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
5-stufige gleichabständige Graureihe: $L^* = 18.0, 37.3, 56.7, 76.0, 95.4$						
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

KG310-4N

rgb -> rgb*- und CIE-Daten von Elementar-Bunttonkreis nach CIE R1-47:2009 für sRGB-Display $L_r=40\%$

Code	L*a	a*a	b*a	C*ab,a	h _{ab}	rgb -> rgb*
Rot R der Elementar-Bunttöne <i>RJGB</i> : $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
r00j=R	77.2	24.4	11.6	27.1	25.4	1.00 0.00 0.00
0,5(R+N)	73.4	12.2	5.8	13.5	25.4	0.50 0.00 0.00
0,5(R+W)	86.3	12.2	5.8	13.5	25.4	1.00 0.50 0.50
5-stufige gleichabständige Graureihe: $L^* = 69.6, 76.1, 82.5, 88.9, 95.4$						
n000w=N	69.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	76.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
n050w	82.5	0.0	0.0	0.0	326.0	0.50 0.50 0.50
n075w	88.9	0.0	0.0	0.0	324.2	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KG310-7N

rgb -> rgb*- und CIE-Daten von Elementar-Bunttonkreis nach CIE R1-47:2009 für sRGB-Display $L_r=40\%$

Code	L*a	a*a	b*a	C*ab,a	h _{ab}	rgb -> rgb*
Elementar-Bunttonkreis mit Buntton: $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
r00j=R	77.2	24.4	11.6	27.1	25.4	1.00 0.00 0.00
r25j	80.2	17.6	15.9	23.7	42.1	1.00 0.25 0.00
r50j	82.8	11.8	19.6	22.9	58.9	1.00 0.50 0.00
r75j	85.6	5.9	23.3	24.1	75.6	1.00 0.75 0.00
5-stufige gleichabständige Graureihe: $L^* = 69.6, 76.1, 82.5, 88.9, 95.4$						
n000w=N	69.6	0.0	0.0	0.0	0.0	0.00 0.00 0.00
n025w	76.1	0.0	0.0	0.0	325.6	0.25 0.25 0.25
n050w	82.5	0.0	0.0	0.0	326.0	0.50 0.50 0.50
n075w	88.9	0.0	0.0	0.0	324.2	0.75 0.75 0.75
n100w=W	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00

KG310-8N

Interpretation rgb -> olv*- und für Photodrucker, Drucker-Separation olv*

Bunttonkreis mit 6 Geräte-Bunttönen OYLVCVM: $h_{ab,a} = 34.9, 92.5, 143.1, 226.7, 311.9, 337.2$						
Elementar-Bunttöne <i>RJGB</i> : $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
Code	L*	a*a	b*a	C*ab	h _{ab,a}	rgb -> olv*
o00y=O	34.3	59.5	41.6	72.6	34.9	1.00 0.00 0.00
o12y	42.5	52.0	50.4	72.5	44.1	1.00 0.12 0.00
o25y	50.6	41.2	60.5	73.2	55.7	1.00 0.25 0.00
o37y	58.4	30.4	70.3	76.6	66.5	1.00 0.37 0.00
o50y	66.4	19.1	81.2	83.5	76.7	1.00 0.50 0.00
o62y	73.3	9.8	90.7	91.3	83.8	1.00 0.62 0.00
o75y	79.3	1.9	99.2	99.2	88.8	1.00 0.75 0.00
o87y	84.1	-4.5	106.4	106.5	92.4	1.00 0.87 0.00

KG311-1N

Interpretation rgb -> olv*- und CIELAB-Daten sRGB-Display mit der Leuchtdichte-Reflexion $L_r=0\%$

Bunttonkreis mit 6 Geräte-Bunttönen OYLVCVM: $h_{ab,a} = 40.0, 102.8, 136.0, 196.3, 306.2, 328.2$						
Elementar-Bunttöne <i>RJGB</i> : $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
Code	L*	a*a	b*a	C*ab	h _{ab,a}	rgb -> olv*
o00y=O	50.4	76.9	64.5	100.4	40.0	1.00 0.00 0.00
o12y	51.5	73.9	64.9	98.3	41.3	1.00 0.12 0.00
o25y	54.0	66.7	65.9	93.8	44.6	1.00 0.25 0.00
o37y	58.2	55.4	67.9	87.7	50.7	1.00 0.37 0.00
o50y	63.6	41.3	71.0	82.2	59.7	1.00 0.50 0.00
o62y	70.1	25.7	75.0	79.3	71.0	1.00 0.62 0.00
o75y	77.2	9.8	79.7	80.4	82.9	1.00 0.75 0.00
o87y	84.8	-5.7	85.0	85.2	93.8	1.00 0.87 0.00

KG311-3N

Interpretation rgb -> olv*- und CIELAB-Daten sRGB-Display mit der Leuchtdichte-Reflexion $L_r=2,5\%$

Bunttonkreis mit 6 Geräte-Bunttönen OYLVCVM: $h_{ab,a} = 34.8, 103.2, 136.9, 196.4, 304.3, 328.0$						
Elementar-Bunttöne <i>RJGB</i> : $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
Code	L*	a*a	b*a	C*ab	h _{ab,a}	rgb -> olv*
o00y=O	52.7	71.6	49.8	87.3	34.8	1.00 0.00 0.00
o12y	53.7	68.9	50.7	85.6	36.3	1.00 0.12 0.00
o25y	56.0	62.4	52.9	81.8	40.2	1.00 0.25 0.00
o37y	59.8	52.2	56.4	76.9	47.2	1.00 0.37 0.00
o50y	64.9	39.2	61.0	72.5	57.2	1.00 0.50 0.00
o62y	71.0	24.6	66.4	70.8	69.6	1.00 0.62 0.00
o75y	77.8	9.4	72.3	72.9	82.5	1.00 0.75 0.00
o87y	85.1	-5.5	78.5	78.7	94.0	1.00 0.87 0.00

KG311-5N

Interpretation rgb -> olv*- und CIELAB-Daten sRGB-Display mit der Leuchtdichte-Reflexion $L_r=40\%$

Bunttonkreis mit 6 Geräte-Bunttönen OYLVCVM: $h_{ab,a} = 21.9, 107.3, 142.3, 197.9, 293.8, 326.0$						
Elementar-Bunttöne <i>RJGB</i> : $h_{ab,a} = 25.4, 92.3, 162.2, 271.7$						
Code	L*	a*a	b*a	C*ab	h _{ab,a}	rgb -> olv*
o00y=O	76.4	26.2	10.5	28.3	21.9	1.00 0.00 0.00
o12y	76.7	25.5	10.9	27.8	23.2	1.00 0.12 0.00
o25y	77.4	23.8	12.0	26.7	26.8	1.00 0.25 0.00
o37y	78.8	20.8	13.9	25.0	33.7	1.00 0.37 0.00
o50y	80.7	16.5	16.6	23.4	45.1	1.00 0.50 0.00
o62y	83.2	11.0	20.1	22.9	61.2	1.00 0.62 0.00
o75y	86.6	4.5	24.3	24.7	79.4	1.00 0.75 0.00
o87y	89.9	-2.8	29.2	29.3	95.5	1.00 0.87 0.00