

Siehe ähnliche Dateien: http://farbe.li.tu-berlin.de/AG93/AG93.HTM
Technische Information: http://www.jp.bam.de oder http://130.149.60.45/~farbnetritk

rgb*_{xy} und CIE-Daten von Elementar-Bunttonkreisen
nach CIE R1-47:2009 für sRGB-Display L_a = 5%

16-stufiger Elementar-Bunttonkreis Buntton h_{xy} = 25, 92, 162, 271

Code	L _a xy	a _{xy} xy	b _{xy} xy	C _a b _{xy} xy	C _b a _{xy} xy	h _{xy} xy	rgb _{xy} xy
R00Y _{xy} = R _{xy}	55.0	67.6	32.2	74.9	25.5	1.00 0.00 0.00	
R25Y _{xy}	60.1	52.4	47.5	70.7	42.1	1.00 0.25 0.00	
R50Y _{xy}	67.7	31.4	55.4	64.7	58.9	1.00 0.50 0.00	
R75Y _{xy}	75.2	16.1	63.0	65.0	75.6	1.00 0.75 0.00	
Y00G _{xy} = Y _{xy}	84.2	-2.8	71.7	92.2	1.00 1.00 0.00		
Y25G _{xy}	91.6	-28.1	78.1	83.0	108.7	0.75 1.00 0.00	
Y50G _{xy}	96.9	-54.9	72.2	90.7	127.2	0.50 1.00 0.00	
Y75G _{xy}	98.7	-70.4	49.7	86.2	144.7	0.25 1.00 0.00	
G00B _{xy} = G _{xy}	85.8	-58.9	18.8	61.9	162.2	0.00 1.00 0.00	
G25B _{xy}	87.6	-45.9	7.8	46.5	189.6	0.00 1.00 0.50	
G50B _{xy}	80.4	-31.3	-23.5	39.2	216.9	0.00 1.00 1.00	
G75B _{xy}	72.1	-17.3	-35.9	39.8	244.2	0.00 0.50 1.00	
B00R _{xy} = B _{xy}	62.4	1.5	-51.1	51.1	271.6	0.00 0.00 1.00	
B25R _{xy}	42.7	43.7	-83.0	96.1	300.1	0.50 0.00 1.00	
B50R _{xy}	60.6	84.4	-51.4	98.8	328.6	1.00 0.00 1.00	
B75R _{xy}	56.5	72.3	-37.7	72.4	357.8	1.00 0.00 0.50	

5-stufige gleichabständige Graureihe: L_{xy} = 26.8, 43.9, 61.1, 78.2, 95.4

Code	L _{xy} xy	a _{xy} xy	b _{xy} xy	C _a b _{xy} xy	C _b a _{xy} xy	h _{xy} xy	rgb _{xy} xy
N000W _{xy} = N _{xy}	26.8	0.0	0.0	0.0	0.0	0.00 0.00 0.00	
N025W _{xy}	43.9	0.0	0.0	0.0	0.0	0.25 0.25 0.25	
N050W _{xy}	61.1	0.0	0.0	0.0	0.0	0.50 0.50 0.50	
N075W _{xy}	78.2	0.0	0.0	0.0	0.0	0.75 0.75 0.75	
N100W _{xy} = W _{xy}	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00	

AC930-3N, LAB164, adopted=not adopted

rgb*_{xy} und CIE-Daten von Elementar-Bunttonkreisen
nach CIE R1-47:2009 für sRGB-Display L_a = 5%

3 Farben der Elementar-Bunttonreihe RGB_{xy}: h_{xy} = 25, 92, 162, 271

Code	L _a xy	a _{xy} xy	b _{xy} xy	C _a b _{xy} xy	C _b a _{xy} xy	h _{xy} xy	rgb _{xy} xy
R00Y _{xy} = R _{xy}	55.0	67.6	32.2	74.9	25.5	1.00 0.00 0.00	
0.5R _{xy} + 0.5W _{xy}	40.9	33.8	16.1	37.4	25.5	0.50 0.00 0.00	
0.5R _{xy} + 0.5W _{xy}	33.8	16.1	37.4	25.5	1.00 0.50 0.50		
Y00G _{xy} = Y _{xy}	84.2	-2.8	71.7	92.2	1.00 1.00 0.00		
0.5Y _{xy} + 0.5W _{xy}	55.5	-1.4	35.8	38.8	0.25 0.50 0.50		
0.5Y _{xy} + 0.5W _{xy}	38.8	-1.4	35.8	38.8	0.25 1.00 0.50		
G00B _{xy} = G _{xy}	85.8	-58.9	18.8	61.9	162.2	0.00 1.00 0.00	
0.5G _{xy} + 0.5W _{xy}	63.3	-29.4	9.4	30.9	162.2	0.00 0.50 0.50	
0.5G _{xy} + 0.5W _{xy}	30.9	-29.4	30.9	162.2	0.50 0.50 0.50		
B00R _{xy} = B _{xy}	62.4	1.5	-51.1	51.1	271.6	0.00 0.00 1.00	
0.5B _{xy} + 0.5W _{xy}	44.6	0.7	-25.5	25.5	271.6	0.00 0.00 0.50	
0.5B _{xy} + 0.5W _{xy}	25.5	0.7	-25.5	25.5	271.6	0.50 0.50 0.50	

5-stufige gleichabständige Graureihe: L_{xy} = 26.8, 43.9, 61.1, 78.2, 95.4

Code	L _{xy} xy	a _{xy} xy	b _{xy} xy	C _a b _{xy} xy	C _b a _{xy} xy	h _{xy} xy	rgb _{xy} xy
N000W _{xy} = N _{xy}	26.8	0.0	0.0	0.0	0.0	0.00 0.00 0.00	
N025W _{xy}	43.9	0.0	0.0	0.0	0.0	0.25 0.25 0.25	
N050W _{xy}	61.1	0.0	0.0	0.0	0.0	0.50 0.50 0.50	
N075W _{xy}	78.2	0.0	0.0	0.0	0.0	0.75 0.75 0.75	
N100W _{xy} = W _{xy}	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00	

AC930-4N, LAB164, adopted=not adopted

rgb*_{xy} und CIE-Daten von Elementar-Bunttonkreisen
nach CIE R1-47:2009 für sRGB-Display L_a = 20%

16-stufiger Elementar-Bunttonkreis Buntton h_{xy} = 25, 92, 162, 271

Code	L _a xy	a _{xy} xy	b _{xy} xy	C _a b _{xy} xy	C _b a _{xy} xy	h _{xy} xy	rgb _{xy} xy
R00Y _{xy} = R _{xy}	65.6	44.6	21.2	49.4	25.4	1.00 0.00 0.00	
R25Y _{xy}	71.1	31.3	28.4	42.3	42.2	1.00 0.25 0.00	
R50Y _{xy}	75.6	20.7	34.4	40.2	58.9	1.00 0.50 0.00	
R75Y _{xy}	80.3	10.3	40.4	41.7	75.6	1.00 0.75 0.00	
Y00G _{xy} = Y _{xy}	86.2	-1.9	47.8	92.3	1.00 1.00 0.00		
Y25G _{xy}	92.9	-20.0	55.7	59.2	108.7	0.75 1.00 0.00	
Y50G _{xy}	96.9	-38.3	50.4	63.3	127.2	0.50 1.00 0.00	
Y75G _{xy}	98.8	-53.7	37.9	65.7	144.7	0.25 1.00 0.00	
G00B _{xy} = G _{xy}	87.6	-44.9	14.4	47.1	162.2	0.00 1.00 0.00	
G25B _{xy}	89.1	-35.7	-6.0	36.2	189.6	0.00 1.00 0.50	
G50B _{xy}	83.8	-24.2	-18.2	30.3	217.0	0.00 1.00 1.00	
G75B _{xy}	77.6	-13.1	-27.3	30.3	244.2	0.00 0.50 1.00	
B00R _{xy} = B _{xy}	70.3	1.1	-38.5	38.6	271.7	0.00 0.00 1.00	
B25R _{xy}	58.1	33.5	-57.7	66.8	300.1	0.50 0.00 1.00	
B50R _{xy}	69.1	60.4	-36.9	70.8	328.6	1.00 0.00 1.00	
B75R _{xy}	66.5	49.8	-2.6	49.9	357.8	1.00 0.00 0.50	

5-stufige gleichabständige Graureihe: L_{xy} = 52.0, 62.8, 73.7, 84.5, 95.4

Code	L _{xy} xy	a _{xy} xy	b _{xy} xy	C _a b _{xy} xy	C _b a _{xy} xy	h _{xy} xy	rgb _{xy} xy
N000W _{xy} = N _{xy}	52.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00	
N025W _{xy}	62.8	0.0	0.0	0.0	0.0	0.25 0.25 0.25	
N050W _{xy}	73.7	0.0	0.0	0.0	0.0	0.50 0.50 0.50	
N075W _{xy}	84.5	0.0	0.0	0.0	0.0	0.75 0.75 0.75	
N100W _{xy} = W _{xy}	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00	

AC931-3N, LAB164, adopted=not adopted

rgb*_{xy} und CIE-Daten von Elementar-Bunttonkreisen
nach CIE R1-47:2009 für sRGB-Display L_a = 20%

3 Farben der Elementar-Bunttonreihe RGB_{xy}: h_{xy} = 25, 92, 162, 271

Code	L _a xy	a _{xy} xy	b _{xy} xy	C _a b _{xy} xy	C _b a _{xy} xy	h _{xy} xy	rgb _{xy} xy
R00Y _{xy} = R _{xy}	65.6	44.6	21.2	49.4	25.4	1.00 0.00 0.00	
0.5R _{xy} + 0.5W _{xy}	49.4	25.4	10.6	24.7	25.4	0.50 0.00 0.00	
0.5R _{xy} + 0.5W _{xy}	25.4	10.6	24.7	25.4	1.00 0.50 0.50		
Y00G _{xy} = Y _{xy}	86.2	-1.9	47.8	92.3	1.00 1.00 0.00		
0.5Y _{xy} + 0.5W _{xy}	69.1	-0.9	23.9	23.9	0.25 0.50 0.50		
0.5Y _{xy} + 0.5W _{xy}	23.9	-0.9	23.9	23.9	0.25 1.00 0.50		
G00B _{xy} = G _{xy}	87.6	-44.9	14.4	47.1	162.2	0.00 1.00 0.00	
0.5G _{xy} + 0.5W _{xy}	69.8	-22.4	7.2	23.5	162.1	0.00 0.50 0.50	
0.5G _{xy} + 0.5W _{xy}	15.1	-22.4	7.2	23.5	162.1	0.50 0.50 0.50	
B00R _{xy} = B _{xy}	70.3	1.1	-38.5	38.6	271.7	0.00 0.00 1.00	
0.5B _{xy} + 0.5W _{xy}	61.1	0.5	-19.2	19.3	271.7	0.00 0.00 0.50	
0.5B _{xy} + 0.5W _{xy}	19.3	0.5	-19.2	19.3	271.7	0.50 0.50 0.50	

5-stufige gleichabständige Graureihe: L_{xy} = 52.0, 62.8, 73.7, 84.5, 95.4

Code	L _{xy} xy	a _{xy} xy	b _{xy} xy	C _a b _{xy} xy	C _b a _{xy} xy	h _{xy} xy	rgb _{xy} xy
N000W _{xy} = N _{xy}	52.0	0.0	0.0	0.0	0.0	0.00 0.00 0.00	
N025W _{xy}	62.8	0.0	0.0	0.0	0.0	0.25 0.25 0.25	
N050W _{xy}	73.7	0.0	0.0	0.0	0.0	0.50 0.50 0.50	
N075W _{xy}	84.5	0.0	0.0	0.0	0.0	0.75 0.75 0.75	
N100W _{xy} = W _{xy}	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00	

AC931-4N, LAB164, adopted=not adopted

rgb*_{xy} und CIE-Daten von Elementar-Bunttonkreisen
nach CIE R1-47:2009 für sRGB-Display L_a = 10%

16-stufiger Elementar-Bunttonkreis Buntton h_{xy} = 25, 92, 162, 271

Code	L _a xy	a _{xy} xy	b _{xy} xy	C _a b _{xy} xy	C _b a _{xy} xy	h _{xy} xy	rgb _{xy} xy
R00Y _{xy} = R _{xy}	58.8	58.8	28.0	65.2	25.4	1.00 0.00 0.00	
R25Y _{xy}	64.6	43.1	39.0	58.1	42.1	1.00 0.25 0.00	
R50Y _{xy}	70.8	27.9	46.4	54.2	58.9	1.00 0.50 0.00	
R75Y _{xy}	77.1	13.7	53.6	55.3	75.6	1.00 0.75 0.00	
Y00G _{xy} = Y _{xy}	84.9	-2.5	62.2	92.3	1.00 1.00 0.00		
Y25G _{xy}	92.1	-25.0	69.6	74.0	108.7	0.75 1.00 0.00	
Y50G _{xy}	97.8	-48.5	63.7	80.1	127.2	0.50 1.00 0.00	
Y75G _{xy}	98.4	-64.6	45.6	79.1	144.7	0.25 1.00 0.00	
G00B _{xy} = G _{xy}	86.4	-54.0	17.3	56.7	162.2	0.00 1.00 0.00	
G25B _{xy}	88.1	-40.4	7.2	40.1	189.6	0.00 1.00 0.50	
G50B _{xy}	81.5	-28.8	-21.7	36.1	216.9	0.00 1.00 1.00	
G75B _{xy}	74.1	-15.8	-32.8	36.5	244.2	0.00 0.50 1.00	
B00R _{xy} = B _{xy}	65.2	1.4	-46.7	46.7	271.7	0.00 0.00 1.00	
B25R _{xy}	44.5	24.5	-82.2	88.2	300.1	0.50 0.00 1.00	
B50R _{xy}	63.5	75.6	-46.1	88.6	328.6	1.00 0.00 1.00	
B75R _{xy}	60.2	63.8	-3.2	63.9	357.8	1.00 0.00 0.50	

5-stufige gleichabständige Graureihe: L_{xy} = 37.9, 52.3, 66.6, 81.0, 95.4

Code	L _{xy} xy	a _{xy} xy	b _{xy} xy	C _a b _{xy} xy	C _b a _{xy} xy	h _{xy} xy	rgb _{xy} xy
N000W _{xy} = N _{xy}	37.9	0.0	0.0	0.0	0.0	0.00 0.00 0.00	
N025W _{xy}	52.3	0.0	0.0	0.0	0.0	0.25 0.25 0.25	
N050W _{xy}	66.6	0.0	0.0	0.0	0.0	0.50 0.50 0.50	
N075W _{xy}	81.0	0.0	0.0	0.0	0.0	0.75 0.75 0.75	
N100W _{xy} = W _{xy}	95.4	0.0	0.0	0.0	0.0	1.00 1.00 1.00	

AC930-7N, LAB165, adopted=not adopted

rgb*_{xy} und CIE-Daten von Elementar-Bunttonkreisen
nach CIE R1-47:2009 für sRGB-Display L_a = 10%

3 Farben der Elementar-Bunttonreihe RGB_{xy}: h_{xy} = 25, 92, 162, 271

Code	L _a xy	a _{xy}	b _{xy}	C _a b _{xy}	C _b a _{xy}	h _{xy}	rgb _{xy}
R00Y _{xy} = R _{xy}	39.8	58.8	28.0	65.2	25.4		1.00 0.00 0.00
0.5R _{xy} + 0.5Y _{xy}	48.4	29.4	14.0	32.6	25.4		0.50 0.00 0.00
0.5R _{xy} + 0.5Y _{xy}	77.1	29.4	14.0	32.6	25.4		1.00 0.50 0.50
Y00C _{xy} = Y _{xy}	84.9	-2.5	62.2	62.2	92.3		1.00 1.00 0.00
0.5Y _{xy} + 0.5C _{xy}	-1.2	31.1	31.1	31.1	92.3		0.50 0.50 0.50
0.5Y _{xy} + 0.5C _{xy}	-1.1	-31.1	31.1	31.1	92.3		1.00 1.00 0.50
G00B _{xy} = B _{xy}	-54.0	17.3	56.7	56.7	162.2		0.00 1.00 0.00
0.5G _{xy} + 0.5B _{xy}	-27.0	8.6	28.3	28.3	162.2		0.00 0.50 0.50
0.5G _{xy} + 0.5B _{xy}	-27.0	8.6	28.3	28.3	162.2		0.50 1.00 0.50
R00B _{xy} = B _{xy}	65.2	1.4	-46.7	-46.7	271.7		0.00 0.00 1.00
0.5R _{xy} + 0.5B _{xy}	51.6	0.7	-23.3	-23.3	271.7		0.00 0.00 0.50
0.5R _{xy} + 0.5B _{xy}	80.3	0.7	-23.3	-23.3	271.7		0.50 0.50 1.00