

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

16-stufiger Elementar-Bunttonkreis:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$

| Code   | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|--------|---------|---------|---------|--------------|----------|----------------|
| 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 |
| j00g=J | 83.9    | -4.3    | 106.1   | 106.2        | 92.3     | 1.00 1.00 0.00 |
| j25g   | 70.7    | -31.0   | 86.2    | 91.6         | 109.8    | 0.75 1.00 0.00 |
| j50g   | 57.4    | -50.3   | 66.1    | 83.1         | 127.2    | 0.50 1.00 0.00 |
| j75g   | 43.6    | -62.7   | 44.2    | 76.7         | 144.7    | 0.25 1.00 0.00 |
| g00b=G | 46.8    | -58.9   | 18.9    | 61.8         | 162.1    | 0.00 1.00 0.00 |
| g25b   | 49.7    | -45.9   | -7.7    | 46.6         | 189.5    | 0.00 1.00 0.50 |
| g50b   | 51.7    | -33.5   | -25.2   | 41.9         | 217.0    | 0.00 1.00 1.00 |
| g75b   | 46.8    | -17.2   | -35.9   | 39.9         | 244.3    | 0.00 0.50 1.00 |
| b00r=B | 38.1    | 1.3     | -43.4   | 43.5         | 271.7    | 0.00 0.00 1.00 |
| b25r   | 24.2    | 31.0    | -53.4   | 61.7         | 300.1    | 0.50 0.00 1.00 |
| b50r   | 30.3    | 68.8    | -42.0   | 80.6         | 328.6    | 1.00 0.00 1.00 |
| b75r   | 35.8    | 67.2    | -3.4    | 67.3         | 357.0    | 1.00 0.00 0.50 |

5-stufige gleichabständige Graureihe:  $L^* = 8.6, 29.6, 50.6, 71.6, 92.6$

| Code    | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|---------|---------|---------|---------|--------------|----------|----------------|
| 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 |

KG110-3N, Photodrucker, Drucker-Separation olv\*

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

3 Farben der Elementarbunttöne RJGB:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$

| Code     | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|----------|---------|---------|---------|--------------|----------|----------------|
| 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 |
| j00g=J   | 83.9    | -4.3    | 106.1   | 106.2        | 92.3     | 1.00 1.00 0.00 |
| 0,5(J+N) | 46.2    | -2.1    | 53.0    | 53.1         | 92.3     | 0.50 0.50 0.00 |
| 0,5(J+W) | 88.3    | -2.1    | 53.0    | 53.1         | 92.3     | 1.00 1.00 0.50 |
| g00b=G   | 46.8    | -58.9   | 18.9    | 61.8         | 162.1    | 0.00 1.00 0.00 |
| 0,5(G+N) | 27.7    | -29.4   | 9.4     | 30.9         | 162.1    | 0.00 0.50 0.00 |
| 0,5(G+W) | 69.7    | -29.4   | 9.4     | 30.9         | 162.1    | 0.50 1.00 0.50 |
| b00r=B   | 38.1    | 1.3     | -43.4   | 43.5         | 271.7    | 0.00 0.00 1.00 |
| 0,5(B+N) | 23.4    | 0.6     | -21.7   | 21.7         | 271.7    | 0.00 0.00 0.50 |
| 0,5(B+W) | 65.4    | 0.6     | -21.7   | 21.7         | 271.7    | 0.50 0.50 1.00 |

5-stufige gleichabständige Graureihe:  $L^* = 8.6, 29.6, 50.6, 71.6, 92.6$

| Code    | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|---------|---------|---------|---------|--------------|----------|----------------|
| 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 |

KG110-4N, Photodrucker, Drucker-Separation olv\*

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

16-stufiger Elementar-Bunttonkreis:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$

| Code   | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|--------|---------|---------|---------|--------------|----------|----------------|
| r00j=R | 48.7    | 66.7    | 31.8    | 73.9         | 25.4     | 1.00 0.00 0.00 |
| r25j   | 54.5    | 52.9    | 47.9    | 71.4         | 42.2     | 1.00 0.25 0.00 |
| r50j   | 63.2    | 35.0    | 58.0    | 67.8         | 58.8     | 1.00 0.50 0.00 |
| r75j   | 72.7    | 17.6    | 68.8    | 71.1         | 75.5     | 1.00 0.75 0.00 |
| j00g=J | 86.1    | -3.3    | 83.2    | 83.3         | 92.3     | 1.00 1.00 0.00 |
| j25g   | 77.8    | -25.0   | 69.6    | 74.0         | 109.8    | 0.75 1.00 0.00 |
| j50g   | 67.1    | -40.9   | 53.7    | 67.6         | 127.3    | 0.50 1.00 0.00 |
| j75g   | 59.6    | -55.6   | 39.3    | 68.2         | 144.7    | 0.25 1.00 0.00 |
| g00b=G | 56.9    | -61.5   | 19.6    | 64.5         | 162.2    | 0.00 1.00 0.00 |
| g25b   | 59.3    | -50.5   | -8.5    | 51.2         | 189.5    | 0.00 1.00 0.50 |
| g50b   | 61.3    | -39.1   | -29.4   | 49.0         | 216.9    | 0.00 1.00 1.00 |
| g75b   | 56.0    | -20.6   | -43.0   | 47.7         | 244.3    | 0.00 0.50 1.00 |
| b00r=B | 41.2    | 1.3     | -45.0   | 45.0         | 271.7    | 0.00 0.00 1.00 |
| b25r   | 27.5    | 27.2    | -46.9   | 54.2         | 300.1    | 0.50 0.00 1.00 |
| b50r   | 37.4    | 50.1    | -30.6   | 58.7         | 328.5    | 1.00 0.00 1.00 |
| b75r   | 49.4    | 72.4    | -3.7    | 72.5         | 357.0    | 1.00 0.00 0.50 |

5-stufige gleichabständige Graureihe:  $L^* = 22.2, 40.7, 59.3, 77.8, 96.3$

| Code    | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|---------|---------|---------|---------|--------------|----------|----------------|
| n000w=N | 22.5    | 0.0     | 0.0     | 0.0          | 37.9     | 0.00 0.00 0.00 |
| n025w   | 40.8    | -0.3    | -1.4    | 1.4          | 256.8    | 0.25 0.25 0.25 |
| n050w   | 59.2    | -0.3    | -1.8    | 1.8          | 258.1    | 0.50 0.50 0.50 |
| n075w   | 77.8    | -0.2    | -1.4    | 1.4          | 259.2    | 0.75 0.75 0.75 |
| n100w=W | 96.4    | 0.0     | 0.0     | 0.0          | 100.0    | 1.00 1.00 1.00 |

KG110-7N, Offsetdruck, Modell-Separation cmyn6\*

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

3 Farben der Elementarbunttöne RJGB:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$

| Code     | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|----------|---------|---------|---------|--------------|----------|----------------|
| r00j=R   | 48.7    | 66.7    | 31.8    | 73.9         | 25.4     | 1.00 0.00 0.00 |
| 0,5(R+N) | 35.5    | 33.3    | 15.9    | 36.9         | 25.4     | 0.50 0.00 0.00 |
| 0,5(R+W) | 72.5    | 33.3    | 15.9    | 36.9         | 25.4     | 1.00 0.50 0.50 |
| j00g=J   | 86.1    | -3.3    | 83.2    | 83.3         | 92.3     | 1.00 1.00 0.00 |
| 0,5(J+N) | 54.2    | -1.6    | 41.6    | 41.6         | 92.3     | 0.50 0.50 0.00 |
| 0,5(J+W) | 91.2    | -1.6    | 41.6    | 41.6         | 92.3     | 1.00 1.00 0.50 |
| g00b=G   | 56.9    | -61.5   | 19.6    | 64.5         | 162.2    | 0.00 1.00 0.00 |
| 0,5(G+N) | 39.6    | -30.7   | 9.8     | 32.2         | 162.2    | 0.00 0.50 0.00 |
| 0,5(G+W) | 76.6    | -30.7   | 9.8     | 32.2         | 162.2    | 0.50 1.00 0.50 |
| b00r=B   | 41.2    | 1.3     | -45.0   | 45.0         | 271.7    | 0.00 0.00 1.00 |
| 0,5(B+N) | 31.7    | 0.6     | -22.5   | 22.5         | 271.7    | 0.00 0.00 0.50 |
| 0,5(B+W) | 68.8    | 0.6     | -22.5   | 22.5         | 271.7    | 0.50 0.50 1.00 |

5-stufige gleichabständige Graureihe:  $L^* = 22.2, 40.7, 59.3, 77.8, 96.3$

| Code    | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|---------|---------|---------|---------|--------------|----------|----------------|
| n000w=N | 22.5    | 0.0     | 0.0     | 0.0          | 37.9     | 0.00 0.00 0.00 |
| n025w   | 40.8    | -0.3    | -1.4    | 1.4          | 256.8    | 0.25 0.25 0.25 |
| n050w   | 59.2    | -0.3    | -1.8    | 1.8          | 258.1    | 0.50 0.50 0.50 |
| n075w   | 77.8    | -0.2    | -1.4    | 1.4          | 259.2    | 0.75 0.75 0.75 |
| n100w=W | 96.4    | 0.0     | 0.0     | 0.0          | 100.0    | 1.00 1.00 1.00 |

KG110-8N, Offsetdruck, Modell-Separation cmyn6\*

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

16-stufiger Elementar-Bunttonkreis:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$

| Code   | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|--------|---------|---------|---------|--------------|----------|----------------|
| r00j=R | 48.2    | 65.2    | 31.0    | 72.2         | 25.4     | 1.00 0.00 0.00 |
| r25j   | 51.8    | 57.4    | 52.0    | 77.5         | 42.1     | 1.00 0.25 0.00 |
| r50j   | 61.9    | 37.5    | 62.1    | 72.5         | 58.8     | 1.00 0.50 0.00 |
| r75j   | 72.0    | 18.5    | 72.0    | 74.4         | 75.5     | 1.00 0.75 0.00 |
| j00g=J | 84.7    | -3.4    | 85.8    | 85.9         | 92.2     | 1.00 1.00 0.00 |
| j25g   | 83.4    | -28.5   | 79.1    | 84.1         | 109.8    | 0.75 1.00 0.00 |
| j50g   | 70.1    | -43.1   | 56.8    | 71.3         | 127.2    | 0.50 1.00 0.00 |
| j75g   | 59.5    | -59.6   | 42.1    | 73.0         | 144.7    | 0.25 1.00 0.00 |
| g00b=G | 57.9    | -55.5   | 17.8    | 58.3         | 162.2    | 0.00 1.00 0.00 |
| g25b   | 58.9    | -44.4   | -7.4    | 45.0         | 189.5    | 0.00 1.00 0.50 |
| g50b   | 54.0    | -38.6   | -29.1   | 48.3         | 217.0    | 0.00 1.00 1.00 |
| g75b   | 50.5    | -23.4   | -48.8   | 54.1         | 244.3    | 0.00 0.50 1.00 |
| b00r=B | 36.8    | 1.4     | -48.3   | 48.4         | 271.7    | 0.00 0.00 1.00 |
| b25r   | 37.0    | 23.4    | -40.4   | 46.7         | 300.1    | 0.50 0.00 1.00 |
| b50r   | 41.0    | 47.8    | -29.2   | 56.0         | 328.5    | 1.00 0.00 1.00 |
| b75r   | 48.0    | 75.0    | -3.8    | 75.1         | 357.0    | 1.00 0.00 0.50 |

5-stufige gleichabständige Graureihe:  $L^* = 12.9, 34.0, 55.1, 76.1, 97.2$

| Code    | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|---------|---------|---------|---------|--------------|----------|----------------|
| n000w=N | 13.9    | 0.0     | -0.2    | 0.2          | 266.4    | 0.00 0.00 0.00 |
| n025w   | 34.0    | 0.0     | -1.3    | 1.3          | 267.9    | 0.25 0.25 0.25 |
| n050w   | 55.1    | 0.0     | -1.3    | 1.3          | 270.7    | 0.50 0.50 0.50 |
| n075w   | 76.1    | 0.0     | -0.7    | 0.7          | 276.4    | 0.75 0.75 0.75 |
| n100w=W | 97.3    | 0.0     | 0.0     | 0.0          | 150.4    | 1.00 1.00 1.00 |

KG111-3N, Laserdrucker, Drucker-Separation olv\*

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

16-stufiger Elementar-Bunttonkreis:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$

| Code   | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|--------|---------|---------|---------|--------------|----------|----------------|
| r00j=R | 45.1    | 61.9    | 29.5    | 68.6         | 25.4     | 1.00 0.00 0.00 |
| r25j   | 51.5    | 57.4    | 52.1    | 77.5         | 42.2     | 1.00 0.25 0.00 |
| r50j   | 61.7    | 37.6    | 62.4    | 72.9         | 58.9     | 1.00 0.50 0.00 |
| r75j   | 72.0    | 18.4    | 71.8    | 74.1         | 75.6     | 1.00 0.75 0.00 |
| j00g=J | 84.8    | -2.9    | 74.1    | 74.2         | 92.3     | 1.00 1.00 0.00 |
| j25g   | 83.4    | -28.0   | 77.6    | 82.5         | 109.8    | 0.75 1.00 0.00 |
| j50g   | 69.7    | -43.5   | 57.2    | 71.8         | 127.2    | 0.50 1.00 0.00 |
| j75g   | 60.1    | -57.8   | 40.9    | 70.8         | 144.7    | 0.25 1.00 0.00 |
| g00b=G | 56.2    | -60.0   | 19.2    | 63.0         | 162.2    | 0.00 1.00 0.00 |
| g25b   | 57.4    | -47.0   | -7.9    | 47.7         | 189.6    | 0.00 1.00 0.50 |
| g50b   | 54.5    | -38.1   | -28.7   | 47.7         | 216.9    | 0.00 1.00 1.00 |
| g75b   | 48.9    | -22.9   | -47.9   | 53.1         | 244.3    | 0.00 0.50 1.00 |
| b00r=B | 34.9    | 1.5     | -48.9   | 48.9         | 271.7    | 0.00 0.00 1.00 |
| b25r   | 30.7    | 24.9    | -42.9   | 49.6         | 300.1    | 0.50 0.00 1.00 |
| b50r   | 33.8    | 49.0    | -29.9   | 57.4         | 328.6    | 1.00 0.00 1.00 |
| b75r   | 44.6    | 69.9    | -3.6    | 70.0         | 357.0    | 1.00 0.00 0.50 |

5-stufige gleichabständige Graureihe:  $L^* = 13.0, 34.0, 55.0, 76.1, 97.1$

| Code    | $L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h_{ab}$ | rgb -> rgb*    |
|---------|---------|---------|---------|--------------|----------|----------------|
| n000w=N | 14.0    | 0.0     | 0.1     | 0.1          | 85.7     | 0.00 0.00 0.00 |
| n025w   | 34.1    | 0.0     | -0.9    | 0.9          | 270.7    | 0.25 0.25 0.25 |
| n050w   | 55.1    | 0.1     | -1.0    | 1.0          | 277.2    | 0.50 0.50 0.50 |
| n075w   | 76.1    | 0.2     | -0.6    | 0.6          | 289.2    | 0.75 0.75 0.75 |
| n100w=W | 97.2    | 0.0     | 0.1     | 0.1          | 110.1    | 1.00 1.00 1.00 |

KG111-7X, Laserdrucker, Modell-Separation cmyn62\*

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

3 Farben der Elementarbunttöne RJGB:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$