

**rgb\*- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47:2009 für Photodrucker**16-stufiger Elementar-Bunttonkreis mit Ziel-Elementar-Buntton:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$ 

| Code   | X    | Y    | Z    | x     | y     | L*   | a*    | b*    | L*a  | a*a   | b*a   | C* <sub>ab,a</sub> | h <sub>ab</sub> | rgb*           |
|--------|------|------|------|-------|-------|------|-------|-------|------|-------|-------|--------------------|-----------------|----------------|
| r00j=R | 16.4 | 8.1  | 3.5  | 0.584 | 0.288 | 34.1 | 62.1  | 22.5  | 34.1 | 61.4  | 29.2  | 68.0               | 25.4            | 1.00 0.00 0.00 |
| r25j   | 19.7 | 11.2 | 2.1  | 0.596 | 0.339 | 39.9 | 54.9  | 42.5  | 39.9 | 54.2  | 49.2  | 73.2               | 42.2            | 1.00 0.25 0.00 |
| r50j   | 28.7 | 20.9 | 3.2  | 0.543 | 0.395 | 52.8 | 38.7  | 56.7  | 52.8 | 38.2  | 63.2  | 73.9               | 58.8            | 1.00 0.50 0.00 |
| r75j   | 39.1 | 34.6 | 4.0  | 0.502 | 0.444 | 65.4 | 20.9  | 73.5  | 65.4 | 20.5  | 79.9  | 82.5               | 75.5            | 1.00 0.75 0.00 |
| j00g=J | 59.1 | 63.9 | 5.1  | 0.46  | 0.498 | 83.9 | -4.0  | 99.9  | 83.9 | -4.3  | 106.1 | 106.2              | 92.3            | 1.00 1.00 0.00 |
| j25g   | 30.7 | 41.7 | 4.6  | 0.398 | 0.541 | 70.7 | -30.6 | 79.8  | 70.7 | -31.0 | 86.2  | 91.6               | 109.8           | 0.75 1.00 0.00 |
| j50g   | 14.4 | 25.3 | 4.0  | 0.328 | 0.578 | 57.4 | -49.8 | 59.7  | 57.4 | -50.3 | 66.1  | 83.1               | 127.2           | 0.50 1.00 0.00 |
| j75g   | 5.6  | 13.6 | 3.7  | 0.245 | 0.591 | 43.6 | -62.1 | 37.6  | 43.6 | -62.7 | 44.2  | 76.7               | 144.7           | 0.25 1.00 0.00 |
| g00b=G | 7.3  | 15.9 | 12.0 | 0.207 | 0.45  | 46.8 | -58.3 | 12.3  | 46.8 | -58.9 | 18.9  | 61.8               | 162.1           | 0.00 1.00 0.00 |
| g25b   | 10.2 | 18.2 | 28.3 | 0.18  | 0.32  | 49.7 | -45.4 | -14.3 | 49.7 | -45.9 | -7.7  | 46.6               | 189.5           | 0.00 1.00 0.50 |
| g50b   | 13.1 | 19.8 | 44.6 | 0.169 | 0.255 | 51.7 | -32.9 | -31.8 | 51.7 | -33.5 | -25.2 | 41.9               | 217.0           | 0.00 1.00 1.00 |
| g75b   | 12.4 | 15.9 | 46.8 | 0.166 | 0.211 | 46.8 | -16.7 | -42.5 | 46.8 | -17.2 | -35.9 | 39.9               | 244.3           | 0.00 0.50 1.00 |
| b00r=B | 9.9  | 10.1 | 40.2 | 0.164 | 0.168 | 38.1 | 1.9   | -50.1 | 38.1 | 1.3   | -43.4 | 43.5               | 271.7           | 0.00 0.00 1.00 |
| b25r   | 6.5  | 4.1  | 29.6 | 0.162 | 0.103 | 24.2 | 31.8  | -60.2 | 24.2 | 31.0  | -53.4 | 61.7               | 300.1           | 0.50 0.00 1.00 |
| b50r   | 14.8 | 6.3  | 28.9 | 0.296 | 0.127 | 30.3 | 69.6  | -48.7 | 30.3 | 68.8  | -42.0 | 80.6               | 328.6           | 1.00 0.00 1.00 |
| b75r   | 18.7 | 8.9  | 13.3 | 0.457 | 0.216 | 35.8 | 67.9  | -10.1 | 35.8 | 67.2  | -3.4  | 67.3               | 357.0           | 1.00 0.00 0.50 |

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

| Code    | X    | Y    | Z    | x     | y     | L*   | a*   | b*    | L*a  | a*a  | b*a  | C* <sub>ab,a</sub> | h <sub>ab</sub> | rgb*           |
|---------|------|------|------|-------|-------|------|------|-------|------|------|------|--------------------|-----------------|----------------|
| n000w=N | 0.9  | 0.9  | 1.6  | 0.264 | 0.271 | 8.7  | 0.9  | -6.9  | 8.7  | 0.0  | 0.0  | 0.0                | 1.2             | 0.00 0.00 0.00 |
| n025w   | 5.8  | 6.0  | 10.8 | 0.256 | 0.268 | 29.6 | 0.3  | -13.9 | 29.6 | -0.3 | -7.1 | 7.1                | 266.8           | 0.25 0.25 0.25 |
| n050w   | 17.6 | 19.0 | 27.8 | 0.273 | 0.294 | 50.7 | -2.3 | -11.9 | 50.7 | -2.8 | -5.4 | 6.1                | 242.2           | 0.50 0.50 0.50 |
| n075w   | 40.6 | 43.2 | 58.5 | 0.285 | 0.303 | 71.7 | -1.4 | -11.4 | 71.7 | -1.8 | -5.0 | 5.3                | 250.0           | 0.75 0.75 0.75 |
| n100w=W | 78.1 | 82.2 | 98.6 | 0.301 | 0.317 | 92.6 | 0.1  | -6.1  | 92.6 | 0.0  | 0.0  | 0.0                | 220.9           | 1.00 1.00 1.00 |

KG100-3N, Seite 1/1, %BEG 'KK0X'GE27\_22.TXT

**rgb\*- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47:2009 für Offsetdruck**16-stufiger Elementar-Bunttonkreis mit Ziel-Elementar-Buntton:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$ 

| Code   | X    | Y    | Z    | x     | y     | L*   | a*    | b*    | L*a  | a*a   | b*a   | C* <sub>ab,a</sub> | h <sub>ab</sub> | rgb*           |
|--------|------|------|------|-------|-------|------|-------|-------|------|-------|-------|--------------------|-----------------|----------------|
| r00j=R | 31.4 | 17.3 | 6.6  | 0.566 | 0.313 | 48.7 | 66.5  | 32.9  | 48.7 | 66.7  | 31.8  | 73.9               | 25.4            | 1.00 0.00 0.00 |
| r25j   | 34.5 | 22.5 | 5.1  | 0.555 | 0.361 | 54.5 | 52.6  | 49.2  | 54.5 | 52.9  | 47.9  | 71.4               | 42.2            | 1.00 0.25 0.00 |
| r50j   | 40.5 | 31.9 | 6.2  | 0.514 | 0.405 | 63.2 | 34.6  | 59.5  | 63.2 | 35.0  | 58.0  | 67.8               | 58.9            | 1.00 0.50 0.00 |
| r75j   | 48.6 | 44.8 | 7.6  | 0.48  | 0.443 | 72.7 | 17.1  | 70.4  | 72.7 | 17.6  | 68.8  | 71.1               | 75.5            | 1.00 0.75 0.00 |
| j00g=J | 63.1 | 68.2 | 10.2 | 0.445 | 0.481 | 86.1 | -4.0  | 85.1  | 86.1 | -3.3  | 83.2  | 83.3               | 92.3            | 1.00 1.00 0.00 |
| j25g   | 41.3 | 53.0 | 10.1 | 0.396 | 0.507 | 77.8 | -25.6 | 71.3  | 77.8 | -25.0 | 69.6  | 74.0               | 109.8           | 0.75 1.00 0.00 |
| j50g   | 24.2 | 36.8 | 9.3  | 0.344 | 0.523 | 67.1 | -41.3 | 55.2  | 67.1 | -40.9 | 53.7  | 67.6               | 127.3           | 0.50 1.00 0.00 |
| j75g   | 14.9 | 27.7 | 9.8  | 0.285 | 0.527 | 59.6 | -56.0 | 40.7  | 59.6 | -55.6 | 39.3  | 68.2               | 144.7           | 0.25 1.00 0.00 |
| g00b=G | 12.2 | 24.9 | 15.6 | 0.232 | 0.471 | 56.9 | -61.7 | 20.9  | 56.9 | -61.5 | 19.6  | 64.5               | 162.2           | 0.00 1.00 0.00 |
| g25b   | 15.6 | 27.3 | 35.0 | 0.2   | 0.35  | 59.3 | -50.8 | -7.1  | 59.3 | -50.5 | -8.5  | 51.2               | 189.5           | 0.00 1.00 0.50 |
| g50b   | 19.3 | 29.6 | 57.3 | 0.181 | 0.279 | 61.3 | -39.4 | -28.0 | 61.3 | -39.1 | -29.4 | 49.0               | 216.9           | 0.00 1.00 1.00 |
| g75b   | 18.4 | 23.9 | 62.3 | 0.176 | 0.228 | 56.0 | -20.9 | -41.7 | 56.0 | -20.6 | -43.0 | 47.7               | 244.3           | 0.00 0.50 1.00 |
| b00r=B | 11.6 | 12.0 | 39.6 | 0.183 | 0.19  | 41.2 | 1.3   | -44.0 | 41.2 | 1.3   | -45.0 | 45.0               | 271.7           | 0.00 0.00 1.00 |
| b25r   | 7.5  | 5.3  | 24.3 | 0.203 | 0.142 | 27.5 | 27.4  | -46.1 | 27.5 | 27.2  | -46.9 | 54.2               | 300.1           | 0.50 0.00 1.00 |
| b50r   | 16.8 | 9.8  | 24.6 | 0.327 | 0.191 | 37.4 | 50.1  | -29.6 | 37.4 | 50.1  | -30.6 | 58.7               | 328.5           | 1.00 0.00 1.00 |
| b75r   | 33.8 | 17.9 | 20.9 | 0.465 | 0.247 | 49.4 | 72.2  | -2.5  | 49.4 | 72.4  | -3.7  | 72.5               | 357.0           | 1.00 0.00 0.50 |

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

| Code    | X    | Y    | Z    | x     | y     | L*   | a*   | b*   | L*a  | a*a  | b*a  | C* <sub>ab,a</sub> | h <sub>ab</sub> | rgb*           |
|---------|------|------|------|-------|-------|------|------|------|------|------|------|--------------------|-----------------|----------------|
| n000w=N | 3.5  | 3.6  | 3.8  | 0.317 | 0.332 | 22.5 | 0.2  | 0.7  | 22.5 | 0.0  | 0.0  | 0.0                | 37.9            | 0.00 0.00 0.00 |
| n025w   | 11.1 | 11.7 | 12.9 | 0.31  | 0.327 | 40.8 | -0.3 | -0.4 | 40.8 | -0.3 | -1.4 | 1.4                | 256.8           | 0.25 0.25 0.25 |
| n050w   | 25.7 | 27.2 | 30.0 | 0.31  | 0.328 | 59.2 | -0.6 | -0.4 | 59.2 | -0.3 | -1.8 | 1.8                | 258.1           | 0.50 0.50 0.50 |
| n075w   | 49.9 | 52.9 | 57.3 | 0.311 | 0.333 | 77.8 | -0.8 | 0.2  | 77.8 | -0.2 | -1.4 | 1.4                | 259.2           | 0.75 0.75 0.75 |
| n100w=W | 86.0 | 91.0 | 95.9 | 0.315 | 0.333 | 96.4 | -0.8 | 2.1  | 96.4 | 0.0  | 0.0  | 0.0                | 100.0           | 1.00 1.00 1.00 |

KG100-7N, Seite 1/1, %BEG 'KK0X'REM\_OFFS04\_080929\_3.TXT

TUB-Prüfvorlage KG10; rgb\*-, CIE-Daten: 4 Drucker-Geräte Eingabe: w setgray

16 Stufen von Elementarbunttonkreis und 5 Graustufen

Ausgabe: keine Eingabeänderung

**rgb\*- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47:2009 für Laserdrucker**16-stufiger Elementar-Bunttonkreis mit Ziel-Elementar-Buntton:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$ 

| Code   | X    | Y    | Z    | x     | y     | L*   | a*    | b*    | L*a  | a*a   | b*a   | C* <sub>ab,a</sub> | h <sub>ab</sub> | rgb*           |
|--------|------|------|------|-------|-------|------|-------|-------|------|-------|-------|--------------------|-----------------|----------------|
| r00j=R | 30.4 | 16.9 | 6.4  | 0.564 | 0.315 | 48.2 | 65.1  | 32.6  | 48.2 | 65.2  | 31.0  | 72.2               | 25.4            | 1.00 0.00 0.00 |
| r25j   | 32.5 | 20.0 | 3.4  | 0.581 | 0.357 | 51.8 | 57.3  | 53.7  | 51.8 | 57.4  | 52.0  | 77.5               | 42.1            | 1.00 0.25 0.00 |
| r50j   | 39.5 | 30.3 | 4.8  | 0.529 | 0.406 | 61.9 | 37.2  | 63.7  | 61.9 | 37.5  | 62.1  | 72.5               | 58.8            | 1.00 0.50 0.00 |
| r75j   | 47.8 | 43.7 | 6.4  | 0.487 | 0.446 | 72.0 | 18.0  | 73.7  | 72.0 | 18.5  | 72.0  | 74.4               | 75.5            | 1.00 0.75 0.00 |
| j00g=J | 60.4 | 65.4 | 8.6  | 0.449 | 0.486 | 84.7 | -4.0  | 87.6  | 84.7 | -3.4  | 85.8  | 85.9               | 92.2            | 1.00 1.00 0.00 |
| j25g   | 48.4 | 62.9 | 10.0 | 0.398 | 0.518 | 83.4 | -29.2 | 80.9  | 83.4 | -28.5 | 79.1  | 84.1               | 109.8           | 0.75 1.00 0.00 |
| j50g   | 26.7 | 40.9 | 9.9  | 0.344 | 0.527 | 70.1 | -43.6 | 58.5  | 70.1 | -43.1 | 56.8  | 71.3               | 127.2           | 0.50 1.00 0.00 |
| j75g   | 14.2 | 27.6 | 8.7  | 0.281 | 0.545 | 59.5 | -59.9 | 43.8  | 59.5 | -59.6 | 42.1  | 73.0               | 144.7           | 0.25 1.00 0.00 |
| g00b=G | 13.7 | 25.8 | 17.1 | 0.242 | 0.455 | 57.9 | -55.8 | 19.4  | 57.9 | -55.5 | 17.8  | 58.3               | 162.2           | 0.00 1.00 0.00 |
| g25b   | 16.3 | 26.9 | 33.5 | 0.213 | 0.35  | 58.9 | -44.7 | -5.8  | 58.9 | -44.4 | -7.4  | 45.0               | 189.5           | 0.00 1.00 0.50 |
| g50b   | 13.8 | 22.0 | 44.3 | 0.172 | 0.274 | 54.0 | -38.8 | -27.4 | 54.0 | -38.6 | -29.1 | 48.3               | 217.0           | 0.00 1.00 1.00 |
| g75b   | 13.8 | 18.8 | 57.7 | 0.153 | 0.208 | 50.5 | -23.5 | -47.1 | 50.5 | -23.4 | -48.8 | 54.1               | 244.3           | 0.00 0.50 1.00 |
| b00r=B | 9.1  | 9.4  | 35.7 | 0.168 | 0.174 | 36.8 | 1.5   | -46.8 | 36.8 | 1.4   | -48.3 | 48.4               | 271.7           | 0.00 0.00 1.00 |
| b25r   | 12.1 | 9.5  | 30.1 | 0.235 | 0.184 | 37.0 | 23.4  | -38.8 | 37.0 | 23.4  | -40.4 | 46.7               | 300.1           | 0.50 0.00 1.00 |
| b50r   | 19.3 | 11.9 | 27.2 | 0.329 | 0.203 | 41.0 | 47.7  | -27.6 | 41.0 | 47.8  | -29.2 | 56.0               | 328.5           | 1.00 0.00 1.00 |
| b75r   | 32.8 | 16.8 | 19.4 | 0.475 | 0.243 | 48.0 | 74.8  | -2.2  | 48.0 | 75.0  | -3.8  | 75.1               | 357.0           | 1.00 0.00 0.50 |

5-stufige gleichabständige Graureihe mit Ziel-Helligkeit:  $L^* = 12.9, 34.0, 55.1, 76.1, 92.7$ 

| Code    | X    | Y    | Z    | x     | y     | L*   | a*   | b*  | L*a  | a*a | b*a  | C* <sub>ab,a</sub> | h <sub>ab</sub> | rgb*           |
|---------|------|------|------|-------|-------|------|------|-----|------|-----|------|--------------------|-----------------|----------------|
| n000w=N | 1.6  | 1.7  | 1.7  | 0.322 | 0.336 | 13.9 | 0.3  | 1.2 | 13.9 | 0.0 | -0.2 | 0.2                | 266.4           | 0.00 0.00 0.00 |
| n025w   | 7.6  | 8.0  | 8.6  | 0.313 | 0.329 | 34.0 | 0.0  | 0.2 | 34.0 | 0.0 | -1.3 | 1.3                | 267.9           | 0.25 0.25 0.25 |
| n050w   | 21.8 | 23.0 | 24.9 | 0.313 | 0.33  | 55.1 | -0.2 | 0.2 | 55.1 | 0.0 | -1.3 | 1.3                | 270.7           | 0.50 0.50 0.50 |
| n075w   | 47.4 | 50.1 | 53.5 | 0.314 | 0.331 | 76.1 | -0.4 | 0.9 | 76.1 | 0.0 | -0.7 | 0.7                | 276.4           | 0.75 0.75 0.75 |
| n100w=W | 88.2 | 93.4 | 98.7 | 0.314 | 0.333 | 97.3 | -0.9 | 1.8 | 97.3 | 0.0 | 0.0  | 0.0                | 150.4           | 1.00 1.00 1.00 |

KG101-3N, Seite 1/1, %BEG 'KK0X'GE20\_22.TXT

**rgb\*- und CIE-Daten eines Elementar-Bunttonkreises nach CIE R1-47:2009 für Laserdrucker**16-stufiger Elementar-Bunttonkreis mit Ziel-Elementar-Buntton:  $h_{ab} = 25.4, 92.3, 162.2, 271.7$ 

| Code   | X    | Y    | Z    | x     | y     | L*   | a*    | b*    | L*a  | a*a   | b*a   | C* <sub>ab,a</sub> | h <sub>ab</sub> | rgb*           |
|--------|------|------|------|-------|-------|------|-------|-------|------|-------|-------|--------------------|-----------------|----------------|
| r00j=R | 26.2 | 14.6 | 5.6  | 0.563 | 0.315 | 45.1 | 61.8  | 30.9  | 45.1 | 61.9  | 29.5  | 68.6               | 25.4            | 1.00 0.00 0.00 |
| r25j   | 32.0 | 19.7 | 3.3  | 0.581 | 0.357 | 51.5 | 57.1  | 53.5  | 51.5 | 57.4  | 52.1  | 77.5               | 42.2            | 1.00 0.25 0.00 |
| r50j   | 39.3 | 30.1 | 4.6  | 0.53  | 0.406 | 61.7 | 37.2  | 64.0  | 61.7 | 37.6  | 62.4  | 72.9               | 58.9            | 1.00 0.50 0.00 |
| r75j   | 47.7 | 43.7 | 6.5  | 0.486 | 0.446 | 72.0 | 17.8  | 73.4  | 72.0 | 18.4  | 71.8  | 74.1               | 75.6            | 1.00 0.75 0.00 |
| j00g=J | 60.8 | 65.7 | 12.8 | 0.436 | 0.471 | 84.8 | -3.7  | 75.9  | 84.8 | -2.9  | 74.1  | 74.2               | 92.3            | 1.00 1.00 0.00 |
| j25g   | 48.5 | 62.9 | 10.5 | 0.397 | 0.515 | 83.4 | -28.7 | 79.4  | 83.4 | -28.0 | 77.6  | 82.5               | 109.8           | 0.75 1.00 0.00 |
| j50g   | 26.1 | 40.3 | 9.5  | 0.344 | 0.53  | 69.7 | -44.1 | 58.8  | 69.7 | -43.5 | 57.2  | 71.8               | 127.2           | 0.50 1.00 0.00 |
| j75g   | 14.9 | 28.3 | 9.5  | 0.283 | 0.535 | 60.1 | -58.2 | 42.4  | 60.1 | -57.8 | 40.9  | 70.8               | 144.7           | 0.25 1.00 0.00 |
| g00b=G | 12.0 | 24.2 | 15.2 | 0.233 | 0.469 | 56.2 | -60.4 | 20.7  | 56.2 | -60.0 | 19.2  | 63.0               | 162.2           | 0.00 1.00 0.00 |
| g25b   | 14.7 | 25.3 | 32.0 | 0.205 | 0.351 | 57.4 | -47.4 | -6.4  | 57.4 | -47.0 | -7.9  | 47.7               | 189.6           | 0.00 1.00 0.50 |
| g50b   | 14.2 | 22.4 | 44.8 | 0.174 | 0.275 | 54.5 | -38.4 | -27.2 | 54.5 | -38.1 | -28.7 | 47.7               | 216.9           | 0.00 1.00 1.00 |
| g75b   | 12.8 | 17.5 | 54.0 | 0.151 | 0.207 | 48.9 | -23.2 | -46.4 | 48.9 | -22.9 | -47.9 | 53.1               | 244.3           | 0.00 0.50 1.00 |
| b00r=B | 8.2  | 8.4  | 33.8 | 0.162 | 0.167 | 34.9 | 1.4   | -47.5 | 34.9 | 1.5   | -48.9 | 48.9               | 271.7           | 0.00 0.00 1.00 |
| b25r   | 8.8  | 6.5  | 24.8 | 0.219 | 0.162 | 30.7 | 24.9  | -41.6 | 30.7 | 24.9  | -42.9 | 49.6               | 300.1           | 0.50 0.00 1.00 |
| b50r   | 13.9 | 7.9  | 20.4 | 0.329 | 0.187 | 33.8 | 49.0  | -28.6 | 33.8 | 49.0  | -29.9 | 57.4               | 328.6           | 1.00 0.00 1.00 |
| b75r   | 27.6 | 14.3 | 16.6 | 0.472 | 0.244 | 44.6 | 69.7  | -2.2  | 44.6 | 69.9  | -3.6  | 70.0               | 357.0           | 1.00 0.00 0.50 |