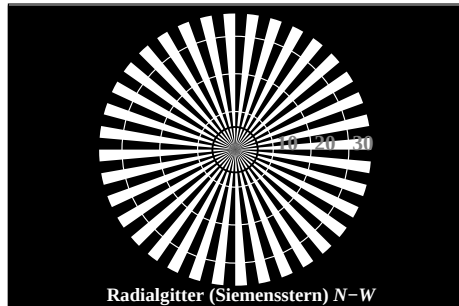
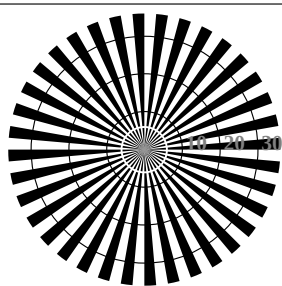
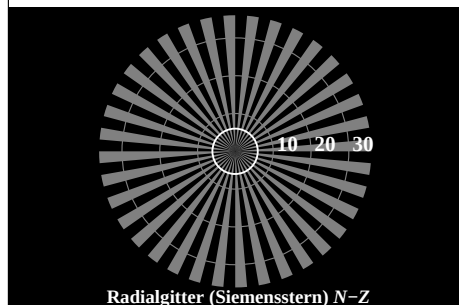




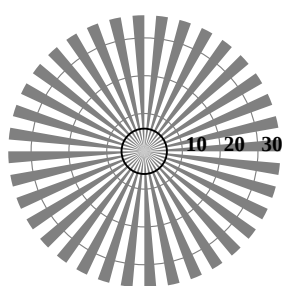
Radialgitter (Siemensstern) N-W



Radialgitter (Siemensstern) W-N

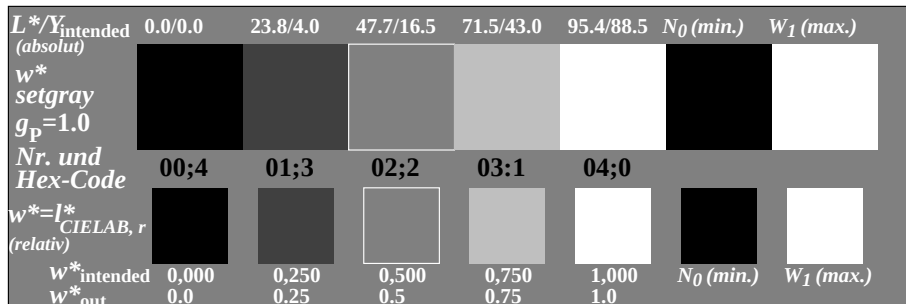


Radialgitter (Siemensstern) N-Z

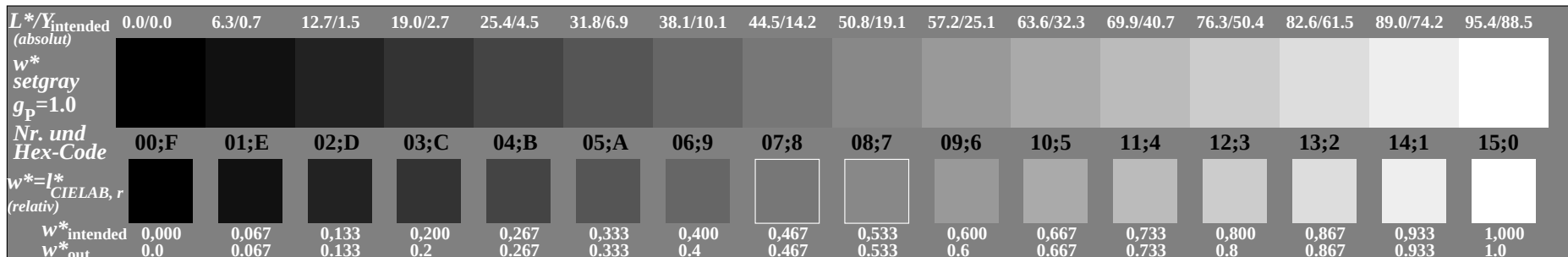


Radialgitter (Siemensstern) W-Z

OG640-3N, Bild A1-110-3: Radialgitter N-W, W-N, N-Z, W-Z; PS-Operator: w\* setgray



OG640-5N, Bild A2-110-3: 5 gleichabständige  $L^*$ -Graustufen +  $N_0$  +  $W_1$ ; PS-Operator: w\* setgray



OG640-7N, Bild A3-110-3: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator: w\* setgray

OG64: ähnlich MG16 nach ISO 9241-306; 1MR, DEH

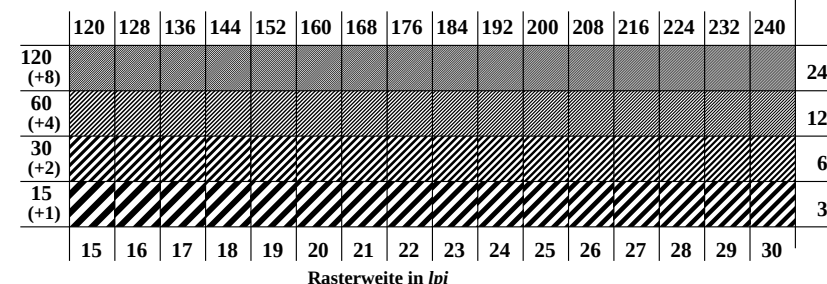
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:0,31$ ;  $Y_N$ -Bereich 0,0 to <0,46 Ausgabe 130-3:  $g_p=1.0$ ;  $g_N=1.0$

|             |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|
| Umfeldstufe | 0   | 7   | E   | 2   | 8   | F   |
| Hex-Code    |     |     |     |     |     |     |
| Ringstufe   | 0-1 | 7-8 | E-F | 2-0 | 8-6 | F-D |
| Hex-Code    |     |     |     |     |     |     |

Landoltringe W-N

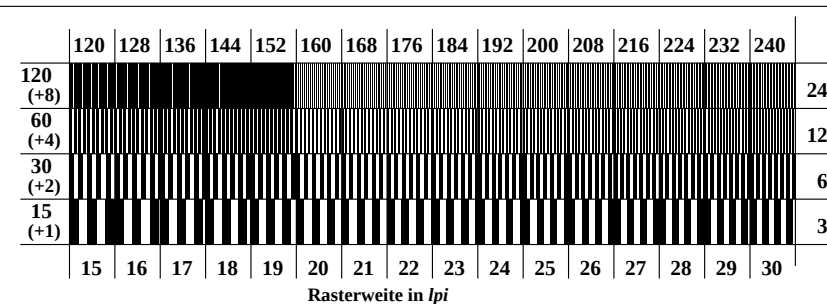
Code: Umfeld-Ring

OG641-1N, Bild A4-110-3: Landoltringe W-N; PS-Operator: w\* setgray



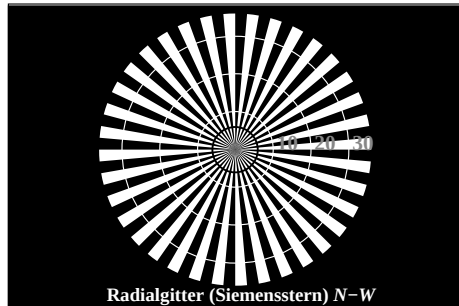
Rasterweite in lpi

OG641-3N, Bild A5-110-3: Linienraster unter 45° (oder 135°); PS-Operator: w\* setgray

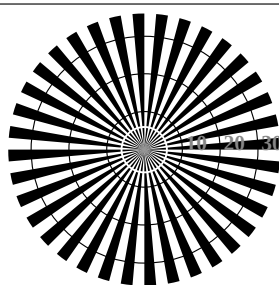


Rasterweite in lpi

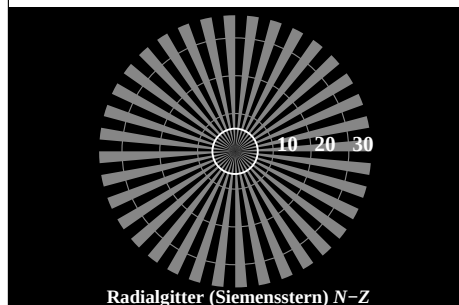
OG641-5N, Bild A6-110-3: Linienraster unter 90° (oder 0°); PS-Operator: w\* setgray



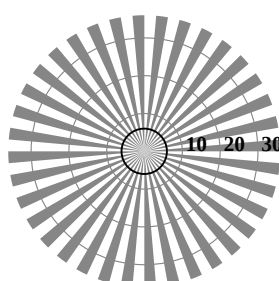
Radialgitter (Siemensstern) N-W



Radialgitter (Siemensstern) W-N



Radialgitter (Siemensstern) N-Z



Radialgitter (Siemensstern) W-Z

OG640-3N, Bild A1-111-3: Radialgitter N-W, W-N, N-Z, W-Z; PS-Operator: w\* setgray

|                                        |         |          |           |           |           |              |              |
|----------------------------------------|---------|----------|-----------|-----------|-----------|--------------|--------------|
| $L^*/Y_{\text{intended}}$<br>(absolut) | 5.6/0.6 | 28.1/5.5 | 50.5/18.8 | 72.9/45.1 | 95.4/88.5 | $N_0$ (min.) | $W_1$ (max.) |
| w*<br>setgray                          |         |          |           |           |           |              |              |
| $g_p=0.84$                             |         |          |           |           |           |              |              |
| Nr. und<br>Hex-Code                    | 00;4    | 01;3     | 02;2      | 03;1      | 04;0      |              |              |
| $w^*=l^*$<br>CIELAB, r<br>(relativ)    |         |          |           |           |           |              |              |
| $w^*_{\text{intended}}$                | 0,000   | 0,250    | 0,500     | 0,750     | 1,000     | $N_0$ (min.) | $W_1$ (max.) |
| $w^*_{\text{out}}$                     | 0.0     | 0.308    | 0.555     | 0.783     | 1.0       |              |              |

OG640-5N, Bild A2-111-3: 5 gleichabständige  $L^*$ -Graustufen +  $N_0$  +  $W_1$ ; PS-Operator: w\* setgray

|                                        |         |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |
|----------------------------------------|---------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $L^*/Y_{\text{intended}}$<br>(absolut) | 5.6/0.6 | 11.6/1.3 | 17.6/2.4 | 23.6/3.9 | 29.6/6.0 | 35.5/8.8 | 41.5/12.2 | 47.5/16.4 | 53.5/21.5 | 59.5/27.5 | 65.5/34.6 | 71.4/42.8 | 77.4/52.3 | 83.4/63.0 | 89.4/75.0 | 95.4/88.5 |
| w*<br>setgray                          |         |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |
| $g_p=0.84$                             |         |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |
| Nr. und<br>Hex-Code                    | 00;F    | 01;E     | 02;D     | 03;C     | 04;B     | 05;A     | 06;9      | 07;8      | 08;7      | 09;6      | 10;5      | 11;4      | 12;3      | 13;2      | 14;1      | 15;0      |
| $w^*=l^*$<br>CIELAB, r<br>(relativ)    |         |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |
| $w^*_{\text{intended}}$                | 0,000   | 0,067    | 0,133    | 0,200    | 0,267    | 0,333    | 0,400     | 0,467     | 0,533     | 0,600     | 0,667     | 0,733     | 0,800     | 0,867     | 0,933     | 1,000     |
| $w^*_{\text{out}}$                     | 0.0     | 0.101    | 0.188    | 0.255    | 0.326    | 0.393    | 0.46      | 0.524     | 0.586     | 0.648     | 0.709     | 0.768     | 0.827     | 0.886     | 0.942     | 1.0       |

OG640-7N, Bild A3-111-3: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator: w\* setgray

OG64: ähnlich MG16 nach ISO 9241-306; 1MR, DEH

Gesehener Y-Kontrast  $Y_W:Y_N=88,9:0,62$ ;  $Y_N$ -Bereich 0,46 to <0,9

Eingabe: alle (->rgb\*\_de) setrgbcolo

Ausgabe 131-3:  $g_p=0.92$ ;  $g_N=1.0$

|             |   |   |           |     |
|-------------|---|---|-----------|-----|
| Umfeldstufe | 0 | 1 | Ringstufe | 0-1 |
| Hex-Code    |   |   | Hex-Code  |     |
| 7           |   | 8 | 7-8       |     |
| E           |   | F | E-F       |     |
| 2           |   | 0 | 2-0       |     |
| 8           |   | 6 | 8-6       |     |
| F           |   | D | F-D       |     |

Landoltringe W-N

Code: Umfeld-Ring

OG641-1N, Bild A4-111-3: Landoltringe W-N; PS-Operator: w\* setgray

|             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

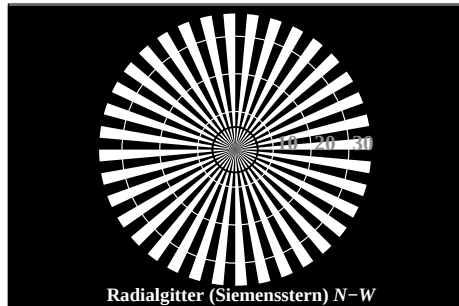
Rasterweite in lpi

OG641-3N, Bild A5-111-3: Linienraster unter 45° (oder 135°); PS-Operator: w\* setgray

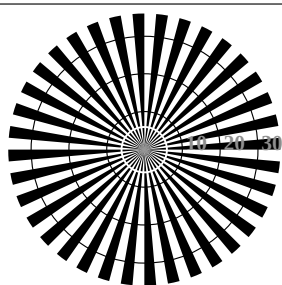
|             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

Rasterweite in lpi

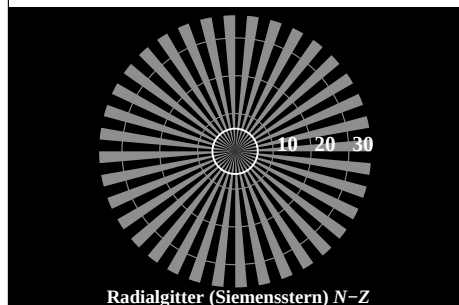
OG641-5N, Bild A6-111-3: Linienraster unter 90° (oder 0°); PS-Operator: w\* setgray



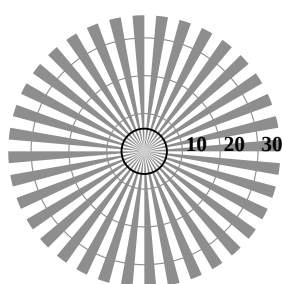
Radialgitter (Siemensstern) N-W



Radialgitter (Siemensstern) W-N



Radialgitter (Siemensstern) N-Z



Radialgitter (Siemensstern) W-Z

OG640-3N, Bild A1-112-3: Radialgitter N-W, W-N, N-Z, W-Z; PS-Operator: w\* setgray

| $L^*/Y_{\text{intended}}$<br>(absolut) | 10.9/1.2 | 32.0/7.1 | 53.2/21.2 | 74.3/47.1 | 95.4/88.5 | $N_0$ (min.) | $W_1$ (max.) |
|----------------------------------------|----------|----------|-----------|-----------|-----------|--------------|--------------|
| w*<br>setgray                          |          |          |           |           |           |              |              |
| $g_p=0.73$                             |          |          |           |           |           |              |              |
| Nr. und<br>Hex-Code                    | 00;4     | 01;3     | 02;2      | 03;1      | 04;0      |              |              |
| $w^*=l^*$<br>CIELAB, r<br>(relativ)    |          |          |           |           |           |              |              |
| $W^*_{\text{intended}}$                | 0,000    | 0,250    | 0,500     | 0,750     | 1,000     | $N_0$ (min.) | $W_1$ (max.) |
| $W^*_{\text{out}}$                     | 0.0      | 0.36     | 0.6       | 0.809     | 1.0       |              |              |

OG640-5N, Bild A2-112-3: 5 gleichabständige  $L^*$ -Graustufen +  $N_0$  +  $W_1$ ; PS-Operator: w\* setgray

| $L^*/Y_{\text{intended}}$<br>(absolut) | 10.9/1.2 | 16.6/2.2 | 22.2/3.5 | 27.8/5.4 | 33.5/7.7 | 39.1/10.7 | 44.7/14.3 | 50.3/18.7 | 56.0/23.9 | 61.6/29.9 | 67.2/36.9 | 72.8/45.0 | 78.5/54.1 | 84.1/64.3 | 89.7/75.8 | 95.4/88.5 |
|----------------------------------------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| w*<br>setgray                          |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |
| $g_p=0.73$                             |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |
| Nr. und<br>Hex-Code                    | 00;F     | 01;E     | 02;D     | 03;C     | 04;B     | 05;A      | 06;9      | 07;8      | 08;7      | 09;6      | 10;5      | 11;4      | 12;3      | 13;2      | 14;1      | 15;0      |
| $w^*=l^*$<br>CIELAB, r<br>(relativ)    |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |
| $W^*_{\text{intended}}$                | 0,000    | 0,067    | 0,133    | 0,200    | 0,267    | 0,333     | 0,400     | 0,467     | 0,533     | 0,600     | 0,667     | 0,733     | 0,800     | 0,867     | 0,933     | 1,000     |
| $W^*_{\text{out}}$                     | 0.0      | 0.137    | 0.226    | 0.306    | 0.378    | 0.445     | 0.509     | 0.571     | 0.629     | 0.686     | 0.742     | 0.795     | 0.848     | 0.9       | 0.95      | 1.0       |

OG640-7N, Bild A3-112-3: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator: w\* setgray

OG64: ähnlich MG16 nach ISO 9241-306; 1MR, DEH

Gesehener Y-Kontrast  $Y_W:Y_N=88,9:1,25$ ;  $Y_N$ -Bereich 0,93 to <1,8

Eingabe: alle (->rgb\*\_de) setrgbcolo

Ausgabe 132-3:  $g_p=0.85$ ;  $g_N=1.0$

|             |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|
| Umfeldstufe | 0   | 7   | E   | 2   | 8   | F   |
| Hex-Code    |     |     |     |     |     |     |
| Ringstufe   | 0-1 | 7-8 | E-F | 2-0 | 8-6 | F-D |
| Hex-Code    |     |     |     |     |     |     |

Landoltringe W-N

Code: Umfeld-Ring

OG641-1N, Bild A4-112-3: Landoltringe W-N; PS-Operator: w\* setgray

|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

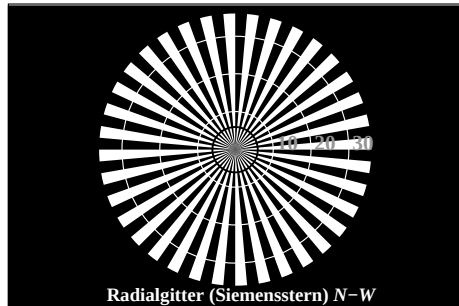
Rasterweite in lpi

OG641-3N, Bild A5-112-3: Linienraster unter 45° (oder 135°); PS-Operator: w\* setgray

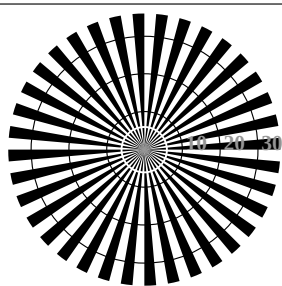
|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

Rasterweite in lpi

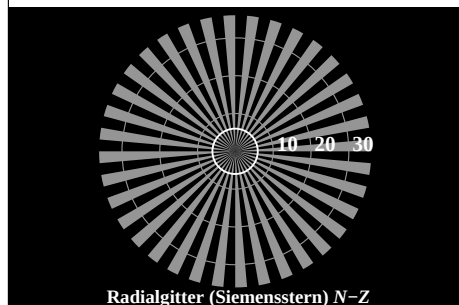
OG641-5N, Bild A6-112-3: Linienraster unter 90° (oder 0°); PS-Operator: w\* setgray



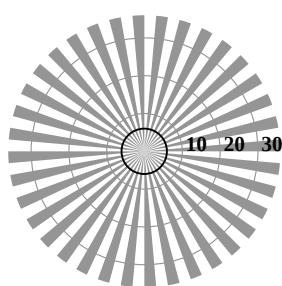
Radialgitter (Siemensstern) N-W



Radialgitter (Siemensstern) W-N



Radialgitter (Siemensstern) N-Z



Radialgitter (Siemensstern) W-Z

OG640-3N, Bild A1-113-3: Radialgitter N-W, W-N, N-Z, W-Z; PS-Operator: w\* setgray

| $L^*/Y_{\text{intended}}$<br>(absolut) | 18.0/2.5 | 37.3/9.7 | 56.7/24.6 | 76.0/49.9 | 95.4/88.5 | $N_0$ (min.) | $W_1$ (max.) |
|----------------------------------------|----------|----------|-----------|-----------|-----------|--------------|--------------|
| w*<br>setgray                          |          |          |           |           |           |              |              |
| $g_p=0.64$                             |          |          |           |           |           |              |              |
| Nr. und<br>Hex-Code                    | 00;4     | 01;3     | 02;2      | 03;1      | 04;0      |              |              |
| $w^*=l^*$<br>CIELAB, r<br>(relativ)    |          |          |           |           |           |              |              |
| $W^*_{\text{intended}}$                | 0,000    | 0,250    | 0,500     | 0,750     | 1,000     | $N_0$ (min.) | $W_1$ (max.) |
| $W^*_{\text{out}}$                     | 0.0      | 0.406    | 0.637     | 0.829     | 1.0       |              |              |

OG640-5N, Bild A2-113-3: 5 gleichabständige  $L^*$ -Graustufen +  $N_0$  +  $W_1$ ; PS-Operator: w\* setgray

| $L^*/Y_{\text{intended}}$<br>(absolut) | 18.0/2.5 | 23.1/3.8 | 28.3/5.5 | 33.4/7.7 | 38.6/10.4 | 43.8/13.7 | 48.9/17.5 | 54.1/22.0 | 59.2/27.3 | 64.4/33.3 | 69.6/40.1 | 74.7/47.9 | 79.9/56.5 | 85.0/66.1 | 90.2/76.8 | 95.4/88.5 |
|----------------------------------------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| w*<br>setgray                          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |           |
| $g_p=0.64$                             |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |           |
| Nr. und<br>Hex-Code                    | 00;F     | 01;E     | 02;D     | 03;C     | 04;B      | 05;A      | 06;9      | 07;8      | 08;7      | 09;6      | 10;5      | 11;4      | 12;3      | 13;2      | 14;1      | 15;0      |
| $w^*=l^*$<br>CIELAB, r<br>(relativ)    |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |           |
| $W^*_{\text{intended}}$                | 0,000    | 0,067    | 0,133    | 0,200    | 0,267     | 0,333     | 0,400     | 0,467     | 0,533     | 0,600     | 0,667     | 0,733     | 0,800     | 0,867     | 0,933     | 1,000     |
| $W^*_{\text{out}}$                     | 0.0      | 0.172    | 0.269    | 0.351    | 0.424     | 0.489     | 0.551     | 0.609     | 0.664     | 0.717     | 0.768     | 0.817     | 0.865     | 0.911     | 0.955     | 1.0       |

OG640-7N, Bild A3-113-3: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator: w\* setgray

OG64: ähnlich MG16 nach ISO 9241-306; 1MR, DEH

Gesehener Y-Kontrast  $Y_W:Y_N=88,9:2,5$ ;  $Y_N$ -Bereich 1,87 to <3,75 Ausgabe 133-3:  $g_p=0.77$ ;  $g_N=1.0$

|                         |     |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|-----|
| Umfeldstufe<br>Hex-Code | 0   | 7   | E   | 2   | 8   | F   |
| Ringstufe<br>Hex-Code   | 0-1 | 7-8 | E-F | 2-0 | 8-6 | F-D |

Landoltringe W-N

Code: Umfeld-Ring

OG641-1N, Bild A4-113-3: Landoltringe W-N; PS-Operator: w\* setgray

|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

Rasterweite in lpi

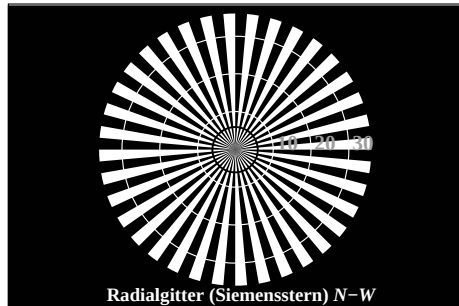
OG641-3N, Bild A5-113-3: Linienraster unter 45° (oder 135°); PS-Operator: w\* setgray

|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

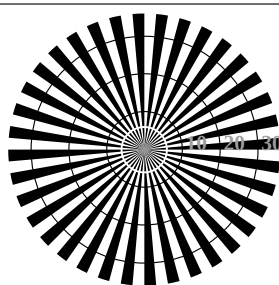
Rasterweite in lpi

OG641-5N, Bild A6-113-3: Linienraster unter 90° (oder 0°); PS-Operator: w\* setgray

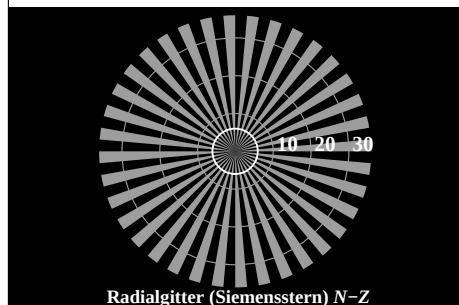




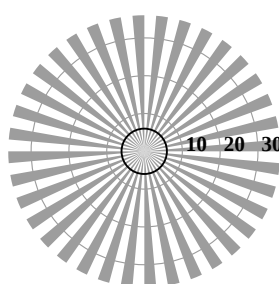
Radialgitter (Siemensstern) N-W



Radialgitter (Siemensstern) W-N

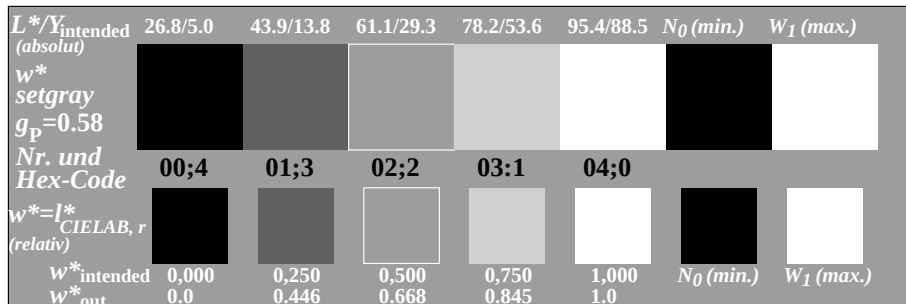


Radialgitter (Siemensstern) N-Z

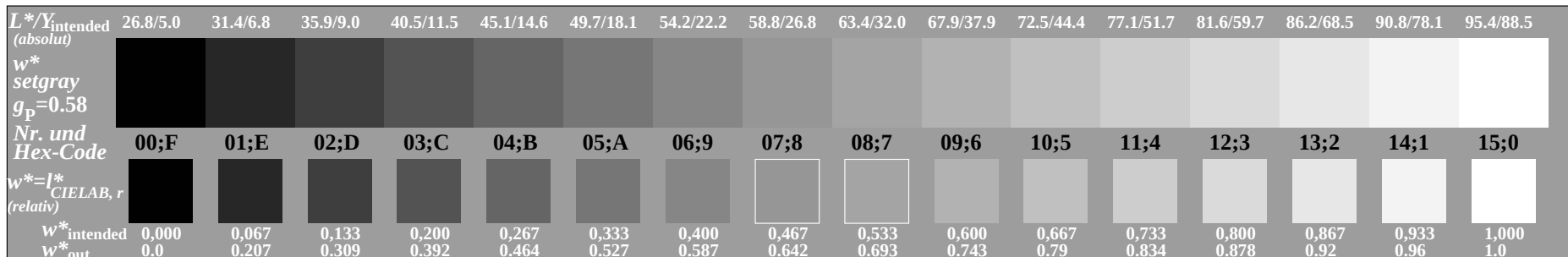


Radialgitter (Siemensstern) W-Z

OG640-3N, Bild A1-114-3: Radialgitter N-W, W-N, N-Z, W-Z; PS-Operator: w\* setgray



OG640-5N, Bild A2-114-3: 5 gleichabständige  $L^*$ -Graustufen +  $N_0$  +  $W_1$ ; PS-Operator: w\* setgray



OG640-7N, Bild A3-114-3: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator: w\* setgray

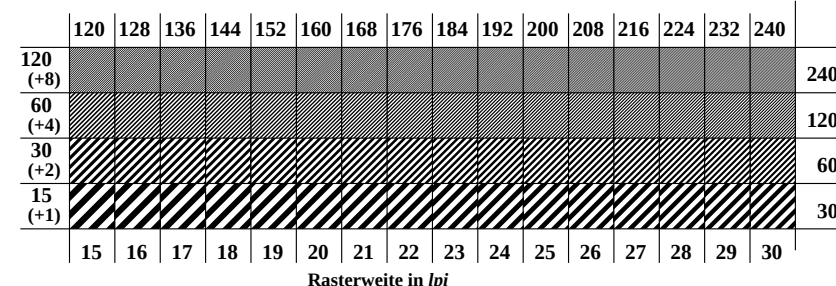
OG64: ähnlich MG16 nach ISO 9241-306; 1MR, DEH  
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:5$ ;  $Y_N$ -Bereich 3,75 to <7,5

|             |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|
| Umfeldstufe | 0   | 7   | E   | 2   | 8   | F   |
| Hex-Code    |     |     |     |     |     |     |
| Ringstufe   | 0-1 | 7-8 | E-F | 2-0 | 8-6 | F-D |
| Hex-Code    |     |     |     |     |     |     |

Landoltringe W-N

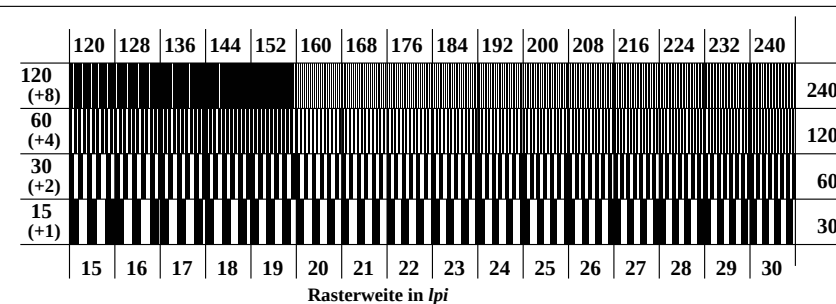
Code: Umfeld-Ring

OG641-1N, Bild A4-114-3: Landoltringe W-N; PS-Operator: w\* setgray



Rasterweite in lpi

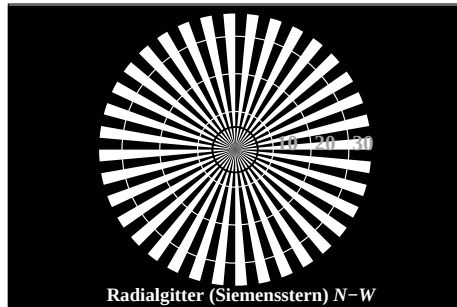
OG641-3N, Bild A5-114-3: Linienraster unter 45° (oder 135°); PS-Operator: w\* setgray



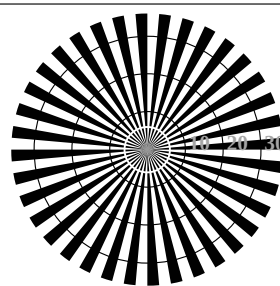
Rasterweite in lpi

OG641-5N, Bild A6-114-3: Linienraster unter 90° (oder 0°); PS-Operator: w\* setgray

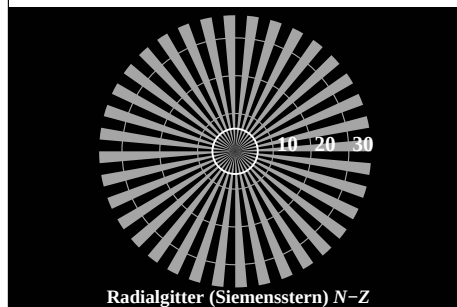
Eingabe: alle (->rgb\*\_de) setrgbcolo  
Ausgabe 134-3:  $g_p=0.7$ ;  $g_N=1.0$



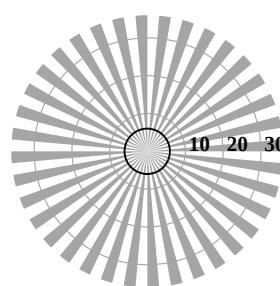
Radialgitter (Siemensstern) N-W



Radialgitter (Siemensstern) W-N



Radialgitter (Siemensstern) N-Z



Radialgitter (Siemensstern) W-Z

OG640-3N, Bild A1-115-3: Radialgitter N-W, W-N, N-Z, W-Z; PS-Operator: w\* setgray

| $L^*/Y_{intended}$<br>(absolut)     | 37.9/10.0 | 52.3/20.4 | 66.6/36.2 | 81.0/58.5 | 95.4/88.5 | $N_0$ (min.) | $W_1$ (max.) |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|--------------|--------------|
| w*<br>setgray                       |           |           |           |           |           |              |              |
| $g_p=0.52$                          |           |           |           |           |           |              |              |
| Nr. und<br>Hex-Code                 | 00;4      | 01;3      | 02;2      | 03;1      | 04;0      |              |              |
| $w^*=l^*$<br>CIELAB, r<br>(relativ) |           |           |           |           |           |              |              |
| $w^*_{intended}$                    | 0,000     | 0,250     | 0,500     | 0,750     | 1,000     | $N_0$ (min.) | $W_1$ (max.) |
| $w^*_{out}$                         | 0.0       | 0.482     | 0.694     | 0.859     | 1.0       |              |              |

OG640-5N, Bild A2-115-3: 5 gleichabständige  $L^*$ -Graustufen +  $N_0$  +  $W_1$ ; PS-Operator: w\* setgray

| $L^*/Y_{intended}$<br>(absolut)     | 37.9/10.0 | 41.8/12.3 | 45.6/15.0 | 49.4/17.9 | 53.2/21.3 | 57.1/25.0 | 60.9/29.1 | 64.7/33.7 | 68.6/38.8 | 72.4/44.3 | 76.2/50.3 | 80.0/56.8 | 83.9/63.9 | 87.7/71.5 | 91.5/79.7 | 95.4/88.5 |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| w*<br>setgray                       |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| $g_p=0.52$                          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Nr. und<br>Hex-Code                 | 00;F      | 01;E      | 02;D      | 03;C      | 04;B      | 05;A      | 06;9      | 07;8      | 08;7      | 09;6      | 10;5      | 11;4      | 12;3      | 13;2      | 14;1      | 15;0      |
| $w^*=l^*$<br>CIELAB, r<br>(relativ) |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| $w^*_{intended}$                    | 0,000     | 0,067     | 0,133     | 0,200     | 0,267     | 0,333     | 0,400     | 0,467     | 0,533     | 0,600     | 0,667     | 0,733     | 0,800     | 0,867     | 0,933     | 1,000     |
| $w^*_{out}$                         | 0.0       | 0.241     | 0.345     | 0.428     | 0.499     | 0.56      | 0.617     | 0.669     | 0.718     | 0.764     | 0.808     | 0.849     | 0.889     | 0.927     | 0.964     | 1.0       |

OG640-7N, Bild A3-115-3: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator: w\* setgray

OG64: ähnlich MG16 nach ISO 9241-306; 1MR, DEH  
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:10$ ;  $Y_N$ -Bereich 7,5 to <15

|             |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|
| Umfeldstufe | 0   | 7   | E   | 2   | 8   | F   |
| Hex-Code    |     |     |     |     |     |     |
| Ringstufe   | 0-1 | 7-8 | E-F | 2-0 | 8-6 | F-D |
| Hex-Code    |     |     |     |     |     |     |

Landoltringe W-N

Code: Umfeld-Ring

OG641-1N, Bild A4-115-3: Landoltringe W-N; PS-Operator: w\* setgray

|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

Rasterweite in lpi

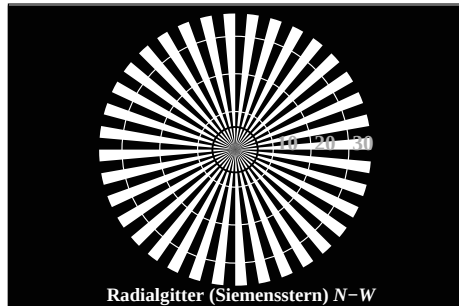
OG641-3N, Bild A5-115-3: Linienraster unter 45° (oder 135°); PS-Operator: w\* setgray

|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

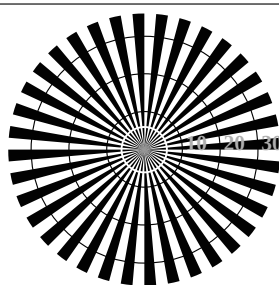
Rasterweite in lpi

OG641-5N, Bild A6-115-3: Linienraster unter 90° (oder 0°); PS-Operator: w\* setgray

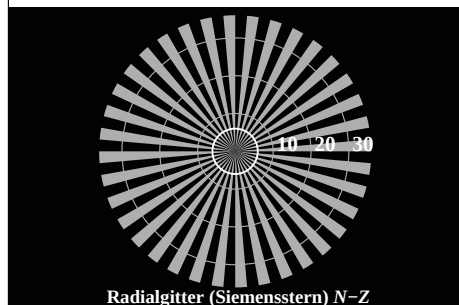
Eingabe: alle (->rgb\*\_de) setrgbcolo  
Ausgabe 135-3:  $g_p=0.62$ ;  $g_N=1.0$



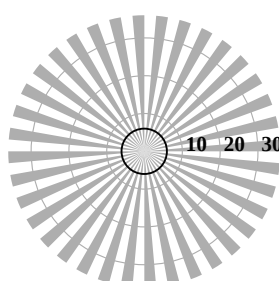
Radialgitter (Siemensstern) N-W



Radialgitter (Siemensstern) W-N



Radialgitter (Siemensstern) N-Z



Radialgitter (Siemensstern) W-Z

OG640-3N, Bild A1-116-3: Radialgitter N-W, W-N, N-Z, W-Z; PS-Operator: w\* setgray

| $L^*/Y_{\text{intended}}$<br>(absolut) | 52.0/20.1 | 62.8/31.4 | 73.7/46.2 | 84.5/65.1 | 95.4/88.5 | $N_0$ (min.) | $W_1$ (max.) |
|----------------------------------------|-----------|-----------|-----------|-----------|-----------|--------------|--------------|
| w*<br>setgray                          |           |           |           |           |           |              |              |
| $g_p=0.48$                             |           |           |           |           |           |              |              |
| Nr. und<br>Hex-Code                    | 00;4      | 01;3      | 02;2      | 03;1      | 04;0      |              |              |
| $w^*=l^*$<br>CIELAB, r<br>(relativ)    |           |           |           |           |           |              |              |
| $w^*_{\text{intended}}$                | 0,000     | 0,250     | 0,500     | 0,750     | 1,000     | $N_0$ (min.) | $W_1$ (max.) |
| $w^*_{\text{out}}$                     | 0.0       | 0.513     | 0.716     | 0.87      | 1.0       |              |              |

OG640-5N, Bild A2-116-3: 5 gleichabständige  $L^*$ -Graustufen +  $N_0$  +  $W_1$ ; PS-Operator: w\* setgray

| $L^*/Y_{\text{intended}}$<br>(absolut) | 52.0/20.1 | 54.9/22.8 | 57.8/25.7 | 60.6/28.9 | 63.5/32.2 | 66.4/35.9 | 69.3/39.8 | 72.2/44.0 | 75.1/48.5 | 78.0/53.3 | 80.9/58.3 | 83.8/63.7 | 86.7/69.4 | 89.6/75.4 | 92.5/81.8 | 95.4/88.5 |
|----------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| w*<br>setgray                          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| $g_p=0.48$                             |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Nr. und<br>Hex-Code                    | 00;F      | 01;E      | 02;D      | 03;C      | 04;B      | 05;A      | 06;9      | 07;8      | 08;7      | 09;6      | 10;5      | 11;4      | 12;3      | 13;2      | 14;1      | 15;0      |
| $w^*=l^*$<br>CIELAB, r<br>(relativ)    |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| $w^*_{\text{intended}}$                | 0,000     | 0,067     | 0,133     | 0,200     | 0,267     | 0,333     | 0,400     | 0,467     | 0,533     | 0,600     | 0,667     | 0,733     | 0,800     | 0,867     | 0,933     | 1,000     |
| $w^*_{\text{out}}$                     | 0.0       | 0.272     | 0.379     | 0.461     | 0.53      | 0.589     | 0.643     | 0.693     | 0.738     | 0.782     | 0.823     | 0.861     | 0.898     | 0.933     | 0.967     | 1.0       |

OG640-7N, Bild A3-116-3: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator: w\* setgray

OG64: ähnlich MG16 nach ISO 9241-306; 1MR, DEH  
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:20$ ;  $Y_N$ -Bereich 15 to <30

|                         |     |     |     |     |     |     |
|-------------------------|-----|-----|-----|-----|-----|-----|
| Umfeldstufe<br>Hex-Code | 0   | 7   | E   | 2   | 8   | F   |
| Ringstufe<br>Hex-Code   | 0-1 | 7-8 | E-F | 2-0 | 8-6 | F-D |

Landoltringe W-N

Code: Umfeld-Ring

OG641-1N, Bild A4-116-3: Landoltringe W-N; PS-Operator: w\* setgray

|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

Rasterweite in lpi

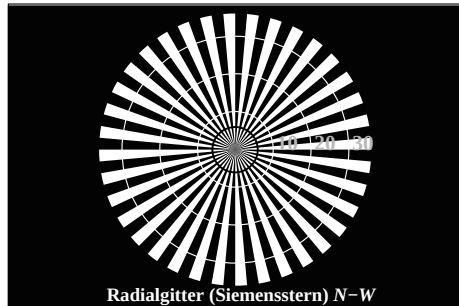
OG641-3N, Bild A5-116-3: Linienraster unter 45° (oder 135°); PS-Operator: w\* setgray

|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

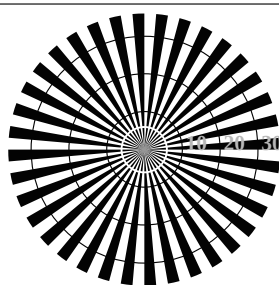
Rasterweite in lpi

OG641-5N, Bild A6-116-3: Linienraster unter 90° (oder 0°); PS-Operator: w\* setgray

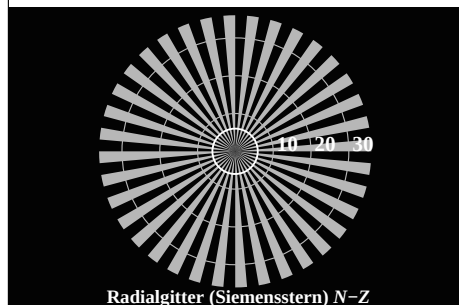
Eingabe: alle (->rgb\*\_de) setrgbcolo  
Ausgabe 136-3:  $g_p=0.55$ ;  $g_N=1.0$



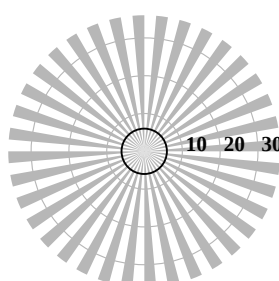
Radialgitter (Siemensstern) N-W



Radialgitter (Siemensstern) W-N



Radialgitter (Siemensstern) N-Z



Radialgitter (Siemensstern) W-Z

OG640-3N, Bild A1-117-3: Radialgitter N-W, W-N, N-Z, W-Z; PS-Operator: w\* setgray

|                                     |           |           |           |           |           |              |              |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|--------------|--------------|
| $L^*/Y_{intended}$<br>(absolut)     | 69.6/40.3 | 76.1/50.0 | 82.5/61.3 | 88.9/74.1 | 95.4/88.5 | $N_0$ (min.) | $W_1$ (max.) |
| w*<br>setgray                       |           |           |           |           |           |              |              |
| $g_p=0.44$                          |           |           |           |           |           |              |              |
| Nr. und<br>Hex-Code                 | 00;4      | 01;3      | 02;2      | 03;1      | 04;0      |              |              |
| $w^*=l^*$<br>CIELAB, r<br>(relativ) |           |           |           |           |           |              |              |
| $W^*_{intended}$                    | 0,000     | 0,250     | 0,500     | 0,750     | 1,000     | $N_0$ (min.) | $W_1$ (max.) |
| $W^*_{out}$                         | 0.0       | 0.541     | 0.735     | 0.88      | 1.0       |              |              |

OG640-5N, Bild A2-117-3: 5 gleichabständige  $L^*$ -Graustufen +  $N_0$  +  $W_1$ ; PS-Operator: w\* setgray

|                                     |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $L^*/Y_{intended}$<br>(absolut)     | 69.6/40.3 | 71.4/42.7 | 73.1/45.3 | 74.8/48.0 | 76.5/50.7 | 78.2/53.6 | 79.9/56.6 | 81.6/59.7 | 83.4/62.9 | 85.1/66.2 | 86.8/69.6 | 88.5/73.2 | 90.2/76.8 | 91.9/80.6 | 93.6/84.5 | 95.4/88.5 |
| w*<br>setgray                       |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| $g_p=0.44$                          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Nr. und<br>Hex-Code                 | 00;F      | 01;E      | 02;D      | 03;C      | 04;B      | 05;A      | 06;9      | 07;8      | 08;7      | 09;6      | 10;5      | 11;4      | 12;3      | 13;2      | 14;1      | 15;0      |
| $w^*=l^*$<br>CIELAB, r<br>(relativ) |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| $W^*_{intended}$                    | 0,000     | 0,067     | 0,133     | 0,200     | 0,267     | 0,333     | 0,400     | 0,467     | 0,533     | 0,600     | 0,667     | 0,733     | 0,800     | 0,867     | 0,933     | 1,000     |
| $W^*_{out}$                         | 0.0       | 0.302     | 0.409     | 0.49      | 0.557     | 0.614     | 0.666     | 0.713     | 0.756     | 0.797     | 0.835     | 0.871     | 0.905     | 0.938     | 0.969     | 1.0       |

OG640-7N, Bild A3-117-3: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator: w\* setgray

OG64: ähnlich MG16 nach ISO 9241-306; 1MR, DEH  
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:40$ ;  $Y_N$ -Bereich 30 to <60

|             |   |   |           |     |
|-------------|---|---|-----------|-----|
| Umfeldstufe | 0 | 1 | Ringstufe | 0-1 |
| Hex-Code    |   |   | Hex-Code  |     |
| 7           |   | 8 | 7-8       |     |
| E           |   | F | E-F       |     |
| 2           |   | 0 | 2-0       |     |
| 8           |   | 6 | 8-6       |     |
| F           |   | D | F-D       |     |

Landoltringe W-N

Code: Umfeld-Ring

OG641-1N, Bild A4-117-3: Landoltringe W-N; PS-Operator: w\* setgray

|             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

Rasterweite in lpi

OG641-3N, Bild A5-117-3: Linienraster unter 45° (oder 135°); PS-Operator: w\* setgray

|             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|             | 120 | 128 | 136 | 144 | 152 | 160 | 168 | 176 | 184 | 192 | 200 | 208 | 216 | 224 | 232 | 240 |     |
| 120<br>(+8) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 240 |
| 60<br>(+4)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 120 |
| 30<br>(+2)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 60  |
| 15<br>(+1)  |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     | 30  |
|             | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |     |

Rasterweite in lpi

OG641-5N, Bild A6-117-3: Linienraster unter 90° (oder 0°); PS-Operator: w\* setgray

Eingabe: alle (->rgb\*\_de) setrgbcolo  
Ausgabe 137-3:  $g_p=0.47$ ;  $g_N=1.0$