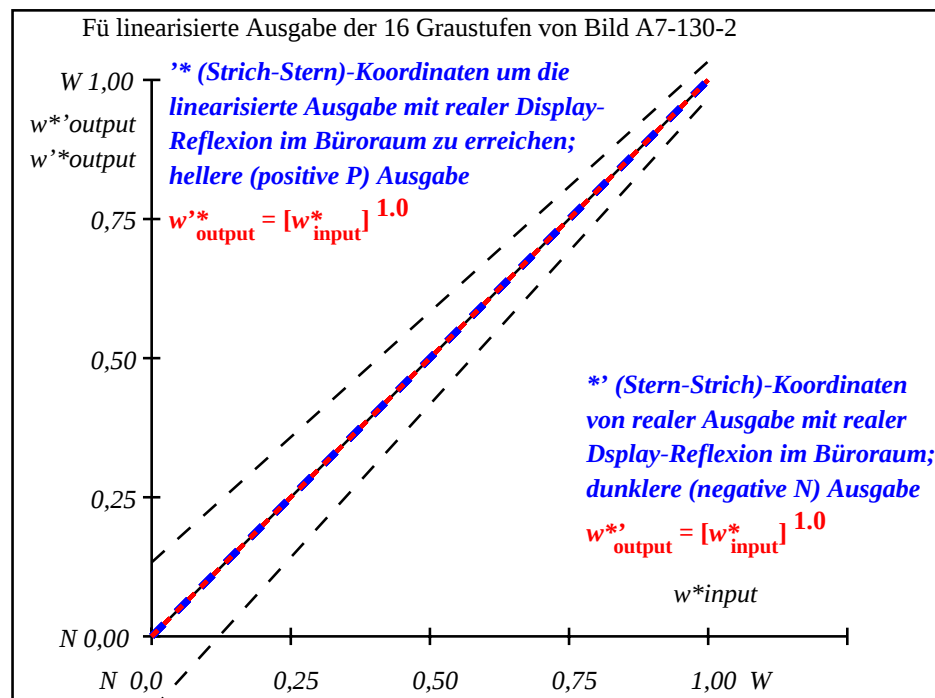


| i                               | LAB*ref | L*out | LAB*out | LAB*out/c-ref | ΔE*                      | Start-Ausgabe S1                         |
|---------------------------------|---------|-------|---------|---------------|--------------------------|------------------------------------------|
| 1                               | 0.0     | 0.0   | 0.0     | 0.0           | 0.0                      | Kennzeichnung nach                       |
| 2                               | 6.36    | 0.0   | 0.07    | 6.36          | 0.0                      | ISO/IEC 15775 Anhang G                   |
| 3                               | 12.72   | 0.0   | 0.13    | 12.72         | 0.0                      | und DIN 33866-1 Anhang G                 |
| 4                               | 19.08   | 0.0   | 0.2     | 19.08         | 0.0                      |                                          |
| 5                               | 25.44   | 0.0   | 0.27    | 25.44         | 0.0                      |                                          |
| 6                               | 31.8    | 0.0   | 0.33    | 31.8          | 0.0                      |                                          |
| 7                               | 38.16   | 0.0   | 0.4     | 38.16         | 0.0                      |                                          |
| 8                               | 44.52   | 0.0   | 0.47    | 44.52         | 0.0                      |                                          |
| 9                               | 50.89   | 0.0   | 0.53    | 50.89         | 0.0                      |                                          |
| 10                              | 57.25   | 0.0   | 0.6     | 57.25         | 0.0                      |                                          |
| 11                              | 63.61   | 0.0   | 0.67    | 63.61         | 0.0                      |                                          |
| 12                              | 69.97   | 0.0   | 0.73    | 69.97         | 0.0                      |                                          |
| 13                              | 76.33   | 0.0   | 0.8     | 76.33         | 0.0                      |                                          |
| 14                              | 82.69   | 0.0   | 0.87    | 82.69         | 0.0                      |                                          |
| 15                              | 89.05   | 0.0   | 0.93    | 89.05         | 0.0                      | Mittlerer Helligkeitsabstand (16 Stufen) |
| 16                              | 95.41   | 0.0   | 1.0     | 95.41         | 0.0                      | ΔE*CIELAB = 0.0                          |
| 17                              | 0.0     | 0.0   | 0.0     | 0.0           | 0.0                      |                                          |
| 18                              | 23.85   | 0.0   | 0.25    | 23.85         | 0.0                      |                                          |
| 19                              | 47.71   | 0.0   | 0.5     | 47.71         | 0.0                      |                                          |
| 20                              | 71.56   | 0.0   | 0.75    | 71.56         | 0.0                      | Mittlerer Helligkeitsabstand (5 Stufen)  |
| 21                              | 95.41   | 0.0   | 1.0     | 95.41         | 0.0                      | ΔL*CIELAB = 0.0                          |
| Mittlerer Farbwiedergabe-Index: |         |       |         |               | R* <sub>ab,m</sub> = 100 |                                          |

OG510-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OG511-3N-130-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

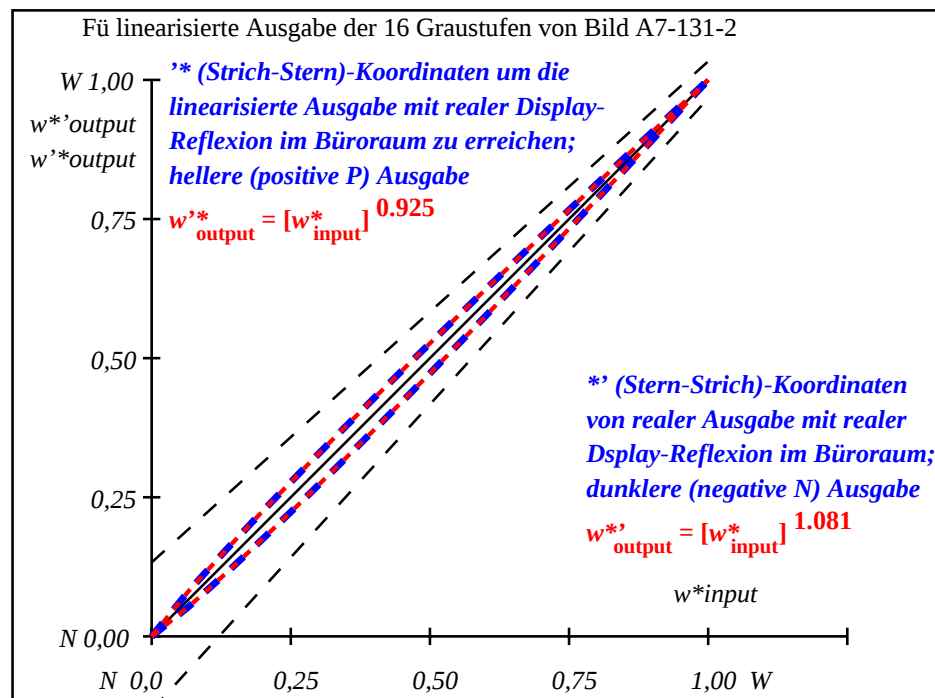
| $L^*/Y_{\text{intended}}$<br>(absolut)        | 0.0/0.0 | 6.4/0.7 | 12.7/1.5 | 19.1/2.8 | 25.4/4.6 | 31.8/7.0 | 38.2/10.2 | 44.5/14.2 | 50.9/19.2 | 57.2/25.2 | 63.6/32.3 | 70.0/40.7 | 76.3/50.4 | 82.7/61.6 | 89.0/74.3 | 95.4/88.6 |
|-----------------------------------------------|---------|---------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$<br>setrgb<br>$g_P=1.0$          |         |         |          |          |          |          |           |           |           |           |           |           |           |           |           |           |
| 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      |
| $w^* = [L^*_{\text{CIELAB}, r}]$<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     | 0.067   | 0.133    | 0.2      | 0.267    | 0.333    | 0.4       | 0.467     | 0.533     | 0.6       | 0.667     | 0.733     | 0.8       | 0.867     | 0.933     | 1.0       |

OG510-7N, Bild A7-130-2: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator:  $w^* w^* w^* \text{setrgbcolor}$

OG51: Ein-Ausgabe-Beziehung nach ISO 9241-306; 1MR, DH Eingabe:  $w (-> \text{rgb}^*) \text{setgray}$   
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:0,31$ ;  $Y_N$ -Bereich 0,0 to <0,46Ausgabe 130-2:  $g_P=1.0$ ;  $g_N=1.0$

| i                                        | LAB*ref | L*out | LAB*out | LAB*out/c-ref | ΔE*                  | Start-Ausgabe S1 |
|------------------------------------------|---------|-------|---------|---------------|----------------------|------------------|
| 1                                        | 5.69    | 0.0   | 0.0     | 5.69          | 0.0                  | 0.0              |
| 2                                        | 11.67   | 0.0   | 0.05    | 10.49         | 0.0                  | 1.18             |
| 3                                        | 17.65   | 0.0   | 0.11    | 15.85         | 0.0                  | 1.8              |
| 4                                        | 23.63   | 0.0   | 0.18    | 21.44         | 0.0                  | 2.2              |
| 5                                        | 29.62   | 0.0   | 0.24    | 27.18         | 0.0                  | 2.43             |
| 6                                        | 35.6    | 0.0   | 0.3     | 33.05         | 0.0                  | 2.55             |
| 7                                        | 41.58   | 0.0   | 0.37    | 39.01         | 0.0                  | 2.57             |
| 8                                        | 47.56   | 0.0   | 0.44    | 45.05         | 0.0                  | 2.51             |
| 9                                        | 53.54   | 0.0   | 0.51    | 51.16         | 0.0                  | 2.38             |
| 10                                       | 59.52   | 0.0   | 0.58    | 57.34         | 0.0                  | 2.18             |
| 11                                       | 65.5    | 0.0   | 0.65    | 63.57         | 0.0                  | 1.93             |
| 12                                       | 71.48   | 0.0   | 0.72    | 69.85         | 0.0                  | 1.63             |
| 13                                       | 77.47   | 0.0   | 0.79    | 76.18         | 0.0                  | 1.29             |
| 14                                       | 83.45   | 0.0   | 0.86    | 82.55         | 0.0                  | 0.9              |
| 15                                       | 89.43   | 0.0   | 0.93    | 88.96         | 0.0                  | 0.47             |
| 16                                       | 95.41   | 0.0   | 1.0     | 95.41         | 0.0                  | 0.01             |
| 17                                       | 5.69    | 0.0   | 0.0     | 5.69          | 0.0                  | 0.01             |
| 18                                       | 28.12   | 0.0   | 0.22    | 25.74         | 0.0                  | 2.38             |
| 19                                       | 50.55   | 0.0   | 0.47    | 48.1          | 0.0                  | 2.45             |
| 20                                       | 72.98   | 0.0   | 0.73    | 71.43         | 0.0                  | 1.55             |
| 21                                       | 95.41   | 0.0   | 1.0     | 95.41         | 0.0                  | 0.01             |
| Mittlerer Helligkeitsabstand (16 Stufen) |         |       |         |               | ΔE*CIELAB =          | 1.6              |
| Mittlerer Helligkeitsabstand (5 Stufen)  |         |       |         |               | ΔL*CIELAB =          | 1.3              |
| Mittlerer Farbwiedergabe-Index:          |         |       |         |               | R* <sub>ab,m</sub> = | 93               |

OG510-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OG511-3N-131-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

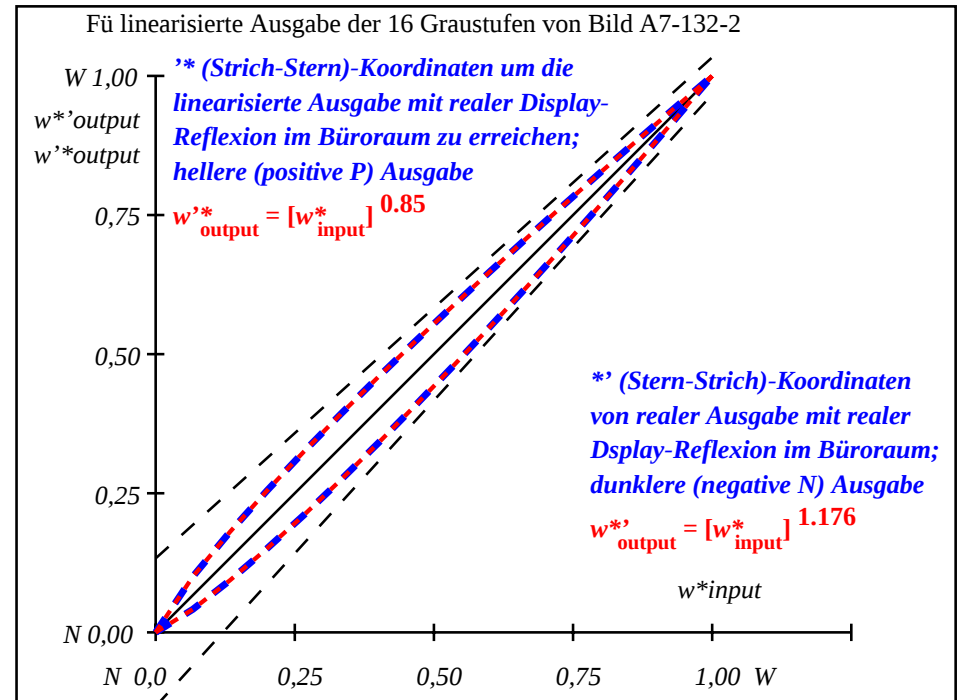
| $L^*/Y_{\text{intended}}$ (absolut) | 5.7/0.6 | 11.7/1.4 | 17.7/2.4 | 23.6/4.0 | 29.6/6.1 | 35.6/8.8 | 41.6/12.2 | 47.6/16.5 | 53.5/21.5 | 59.5/27.6 | 65.5/34.7 | 71.5/42.9 | 77.5/52.3 | 83.4/63.0 | 89.4/75.1 | 95.4/88.6 |
|-------------------------------------|---------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$ setrgb                |         |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |
| $g_N=1.08$                          |         |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |
| Nr. und 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      |
| $w^*=l^*$ CIELAB, r (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     | 0.054    | 0.113    | 0.176    | 0.24     | 0.305    | 0.371     | 0.439     | 0.506     | 0.576     | 0.645     | 0.715     | 0.786     | 0.857     | 0.928     | 1.0       |

OG510-7N, Bild A7-131-2: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator:  $w^* w^* w^*$  setrgbcolor

OG51: Ein-Ausgabe-Beziehung nach ISO 9241-306; 1MR, DH Eingabe:  $w (->rgb^*)$  setgray  
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:0,62$ ;  $Y_N$ -Bereich 0,46 to <0,9 Ausgabe 130-2:  $g_P=1.0$ ;  $g_N=1.08$

| i                                        | LAB*ref | L*out | LAB*out | LAB*out/c-ref | ΔE*                  | Start-Ausgabe S1 |
|------------------------------------------|---------|-------|---------|---------------|----------------------|------------------|
| 1                                        | 10.99   | 0.0   | 0.0     | 10.99         | 0.0                  | 0.0              |
| 2                                        | 16.62   | 0.0   | 0.04    | 14.48         | 0.0                  | 2.14             |
| 3                                        | 22.25   | 0.0   | 0.09    | 18.88         | 0.0                  | 3.37             |
| 4                                        | 27.88   | 0.0   | 0.15    | 23.7          | 0.0                  | 4.17             |
| 5                                        | 33.5    | 0.0   | 0.21    | 28.82         | 0.0                  | 4.68             |
| 6                                        | 39.13   | 0.0   | 0.27    | 34.17         | 0.0                  | 4.96             |
| 7                                        | 44.76   | 0.0   | 0.34    | 39.72         | 0.0                  | 5.04             |
| 8                                        | 50.39   | 0.0   | 0.41    | 45.43         | 0.0                  | 4.96             |
| 9                                        | 56.02   | 0.0   | 0.48    | 51.29         | 0.0                  | 4.73             |
| 10                                       | 61.64   | 0.0   | 0.55    | 57.28         | 0.0                  | 4.37             |
| 11                                       | 67.27   | 0.0   | 0.62    | 63.38         | 0.0                  | 3.89             |
| 12                                       | 72.9    | 0.0   | 0.69    | 69.6          | 0.0                  | 3.3              |
| 13                                       | 78.53   | 0.0   | 0.77    | 75.92         | 0.0                  | 2.61             |
| 14                                       | 84.15   | 0.0   | 0.85    | 82.33         | 0.0                  | 1.82             |
| 15                                       | 89.78   | 0.0   | 0.92    | 88.83         | 0.0                  | 0.95             |
| 16                                       | 95.41   | 0.0   | 1.0     | 95.41         | 0.0                  | 0.01             |
| 17                                       | 10.99   | 0.0   | 0.0     | 10.99         | 0.0                  | 0.01             |
| 18                                       | 32.1    | 0.0   | 0.2     | 27.52         | 0.0                  | 4.58             |
| 19                                       | 53.2    | 0.0   | 0.44    | 48.34         | 0.0                  | 4.86             |
| 20                                       | 74.31   | 0.0   | 0.71    | 71.17         | 0.0                  | 3.13             |
| 21                                       | 95.41   | 0.0   | 1.0     | 95.41         | 0.0                  | 0.01             |
| Mittlerer Helligkeitsabstand (16 Stufen) |         |       |         |               | ΔE*CIELAB =          | 3.2              |
| Mittlerer Helligkeitsabstand (5 Stufen)  |         |       |         |               | ΔL*CIELAB =          | 2.5              |
| Mittlerer Farbwiedergabe-Index:          |         |       |         |               | R* <sub>ab,m</sub> = | 86               |

OG510-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OG511-3N-132-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| $L^*/Y^*_{\text{intended}}$<br>(absolut)  | 11.0/1.3 | 16.6/2.2 | 22.2/3.6 | 27.9/5.4 | 33.5/7.8 | 39.1/10.7 | 44.8/14.4 | 50.4/18.7 | 56.0/23.9 | 61.6/30.0 | 67.3/37.0 | 72.9/45.0 | 78.5/54.1 | 84.2/64.4 | 89.8/75.8 | 95.4/88.6 |
|-------------------------------------------|----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$<br>setrgb                   |          |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |
| $g_N=1.18$<br>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      |
| $w^*=l^*_{\text{CIELAB}, r}$<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      | 0.042    | 0.093    | 0.151    | 0.211    | 0.274     | 0.34      | 0.408     | 0.477     | 0.548     | 0.621     | 0.694     | 0.769     | 0.845     | 0.922     | 1.0       |

OG510-7N, Bild A7-132-2: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator:  $w^* w^* w^* \text{setrgbcolor}$

OG51: Ein-Ausgabe-Beziehung nach ISO 9241-306; 1MR, DH Eingabe:  $w (-> \text{rgb}^*_{\text{d}}) \text{setgray}$   
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:1,25$ ;  $Y_N$ -Bereich 0,93 to <1,8Ausgabe 130-2:  $g_P=1.0$ ;  $g_N=1.17$

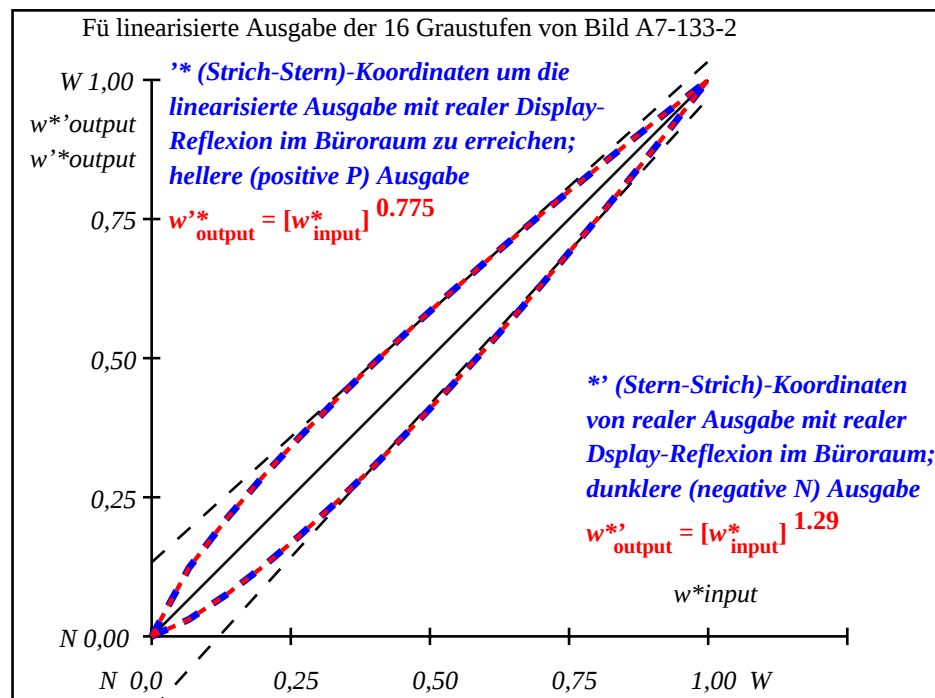
| i  | LAB*ref | L*out | LAB*out | LAB*out/c-ref | ΔE* | Start-Ausgabe S1 |
|----|---------|-------|---------|---------------|-----|------------------|
| 1  | 18.01   | 0.0   | 0.0     | 18.01         | 0.0 | 0.0              |
| 2  | 23.17   | 0.0   | 0.03    | 20.36         | 0.0 | 0.0              |
| 3  | 28.33   | 0.0   | 0.07    | 23.76         | 0.0 | 0.0              |
| 4  | 33.49   | 0.0   | 0.13    | 27.71         | 0.0 | 0.0              |
| 5  | 38.65   | 0.0   | 0.18    | 32.07         | 0.0 | 0.0              |
| 6  | 43.81   | 0.0   | 0.24    | 36.76         | 0.0 | 0.0              |
| 7  | 48.97   | 0.0   | 0.31    | 41.74         | 0.0 | 0.0              |
| 8  | 54.13   | 0.0   | 0.37    | 46.96         | 0.0 | 0.0              |
| 9  | 59.29   | 0.0   | 0.44    | 52.4          | 0.0 | 0.0              |
| 10 | 64.45   | 0.0   | 0.52    | 58.05         | 0.0 | 0.0              |
| 11 | 69.61   | 0.0   | 0.59    | 63.88         | 0.0 | 0.0              |
| 12 | 74.77   | 0.0   | 0.67    | 69.88         | 0.0 | 0.0              |
| 13 | 79.93   | 0.0   | 0.75    | 76.05         | 0.0 | 0.0              |
| 14 | 85.09   | 0.0   | 0.83    | 82.36         | 0.0 | 0.0              |
| 15 | 90.25   | 0.0   | 0.91    | 88.82         | 0.0 | 0.0              |
| 16 | 95.41   | 0.0   | 1.0     | 95.41         | 0.0 | 0.0              |
| 17 | 18.01   | 0.0   | 0.0     | 18.01         | 0.0 | 0.0              |
| 18 | 37.36   | 0.0   | 0.17    | 30.95         | 0.0 | 0.0              |
| 19 | 56.71   | 0.0   | 0.41    | 49.66         | 0.0 | 0.0              |
| 20 | 76.06   | 0.0   | 0.69    | 71.41         | 0.0 | 0.0              |
| 21 | 95.41   | 0.0   | 1.0     | 95.41         | 0.0 | 0.0              |

**Mittlerer Helligkeitsabstand (16 Stufen)**  $\Delta E^*_{CIELAB} = 4.6$

**Mittlerer Helligkeitsabstand (5 Stufen)**  $\Delta L^*_{CIELAB} = 3.6$

**Mittlerer Farbwiedergabe-Index:**  $R^*_{ab,m} = 80$

OG510-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OG511-3N-133-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| $L^*/Y^*_{intended}$<br>(absolut)  | 18.0/2.5 | 23.2/3.8 | 28.3/5.6 | 33.5/7.8 | 38.6/10.5 | 43.8/13.7 | 49.0/17.6 | 54.1/22.1 | 59.3/27.3 | 64.4/33.4 | 69.6/40.2 | 74.8/47.9 | 79.9/56.6 | 85.1/66.2 | 90.2/76.8 | 95.4/88.6 |
|------------------------------------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$<br>setrgb            |          |          |          |          |           |           |           |           |           |           |           |           |           |           |           |           |
| $g_N=1.29$<br>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      |
| $w^*=l^*_{CIELAB, r}$<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      | 0,031    | 0,074    | 0,125    | 0,182     | 0,242     | 0,307     | 0,374     | 0,444     | 0,517     | 0,593     | 0,67      | 0,75      | 0,832     | 0,914     | 1,0       |

OG510-7N, Bild A7-133-2: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator:  $w^* w^* w^* setrgbcolor$

OG51: Ein-Ausgabe-Beziehung nach ISO 9241-306; 1MR, DH Eingabe:  $w (->rgb^*_d) setgray$   
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:2,5$ ;  $Y_N$ -Bereich 1,87 to <3,75Ausgabe 130-2:  $g_P=1.0$ ;  $g_N=1.29$

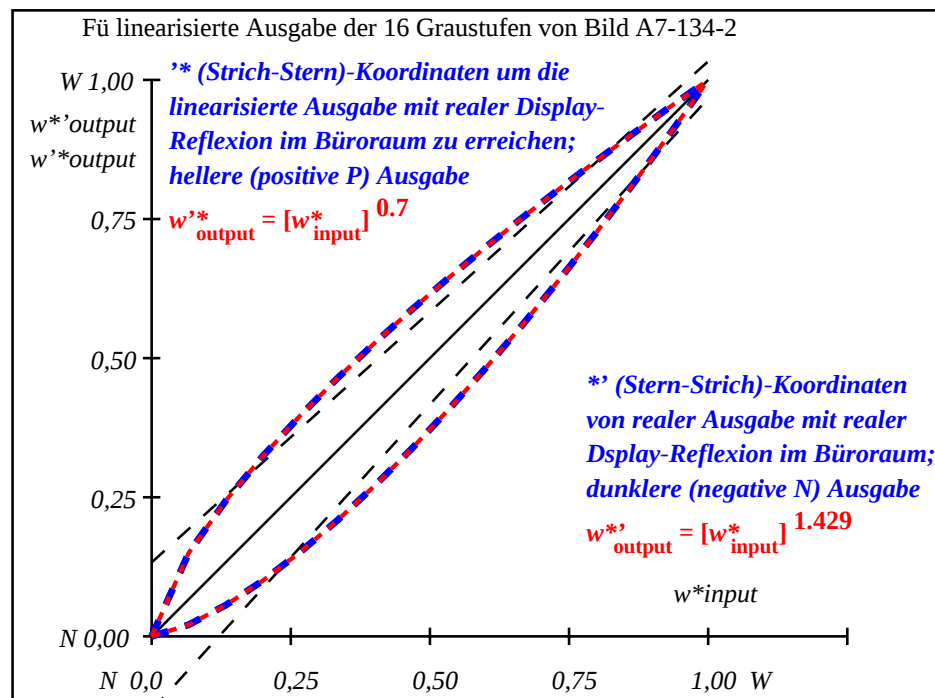
| i  | LAB*ref | I*out | LAB*out | LAB*out/c-ref | ΔE* | Start-Ausgabe S1 |
|----|---------|-------|---------|---------------|-----|------------------|
| 1  | 26.85   | 0.0   | 0.0     | 26.85         | 0.0 | 0.0              |
| 2  | 31.42   | 0.0   | 0.02    | 28.28         | 0.0 | 0.0              |
| 3  | 35.99   | 0.0   | 0.06    | 30.7          | 0.0 | 0.0              |
| 4  | 40.56   | 0.0   | 0.1     | 33.73         | 0.0 | 0.0              |
| 5  | 45.13   | 0.0   | 0.15    | 37.22         | 0.0 | 0.0              |
| 6  | 49.7    | 0.0   | 0.21    | 41.12         | 0.0 | 0.0              |
| 7  | 54.27   | 0.0   | 0.27    | 45.37         | 0.0 | 0.0              |
| 8  | 58.84   | 0.0   | 0.34    | 49.93         | 0.0 | 0.0              |
| 9  | 63.41   | 0.0   | 0.41    | 54.78         | 0.0 | 0.0              |
| 10 | 67.99   | 0.0   | 0.48    | 59.9          | 0.0 | 0.0              |
| 11 | 72.56   | 0.0   | 0.56    | 65.27         | 0.0 | 0.0              |
| 12 | 77.13   | 0.0   | 0.64    | 70.87         | 0.0 | 0.0              |
| 13 | 81.7    | 0.0   | 0.73    | 76.7          | 0.0 | 0.0              |
| 14 | 86.27   | 0.0   | 0.82    | 82.73         | 0.0 | 0.0              |
| 15 | 90.84   | 0.0   | 0.91    | 88.97         | 0.0 | 0.0              |
| 16 | 95.41   | 0.0   | 1.0     | 95.41         | 0.0 | 0.0              |
| 17 | 26.85   | 0.0   | 0.0     | 26.85         | 0.0 | 0.0              |
| 18 | 43.99   | 0.0   | 0.14    | 36.31         | 0.0 | 0.0              |
| 19 | 61.13   | 0.0   | 0.37    | 52.32         | 0.0 | 0.0              |
| 20 | 78.27   | 0.0   | 0.66    | 72.31         | 0.0 | 0.0              |
| 21 | 95.41   | 0.0   | 1.0     | 95.41         | 0.0 | 0.0              |

**Mittlerer Helligkeitsabstand (16 Stufen)**  $\Delta E^*_{CIELAB} = 5.6$

**Mittlerer Helligkeitsabstand (5 Stufen)**  $\Delta E^*_{CIELAB} = 4.5$

**Mittlerer Farbwiedergabe-Index:**  $R^*_{ab,m} = 75$

OG510-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OG511-3N-134-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| $L^*/Y^*_{intended}$<br>(absolut)  | 26.8/5.0 | 31.4/6.8 | 36.0/9.0 | 40.6/11.6 | 45.1/14.6 | 49.7/18.2 | 54.3/22.2 | 58.8/26.9 | 63.4/32.1 | 68.0/38.0 | 72.6/44.5 | 77.1/51.7 | 81.7/59.7 | 86.3/68.5 | 90.8/78.1 | 95.4/88.6 |
|------------------------------------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$<br>setrgb            |          |          |          |           |           |           |           |           |           |           |           |           |           |           |           |           |
| $g_N=1.43$<br>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      |
| $w^*=I^*_{CIELAB, r}$<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      | 0.021    | 0.056    | 0.1       | 0.152     | 0.208     | 0.27      | 0.337     | 0.407     | 0.482     | 0.561     | 0.642     | 0.727     | 0.816     | 0.906     | 1.0       |

OG510-7N, Bild A7-134-2: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator:  $w^* w^* w^* \text{setrgbcolor}$

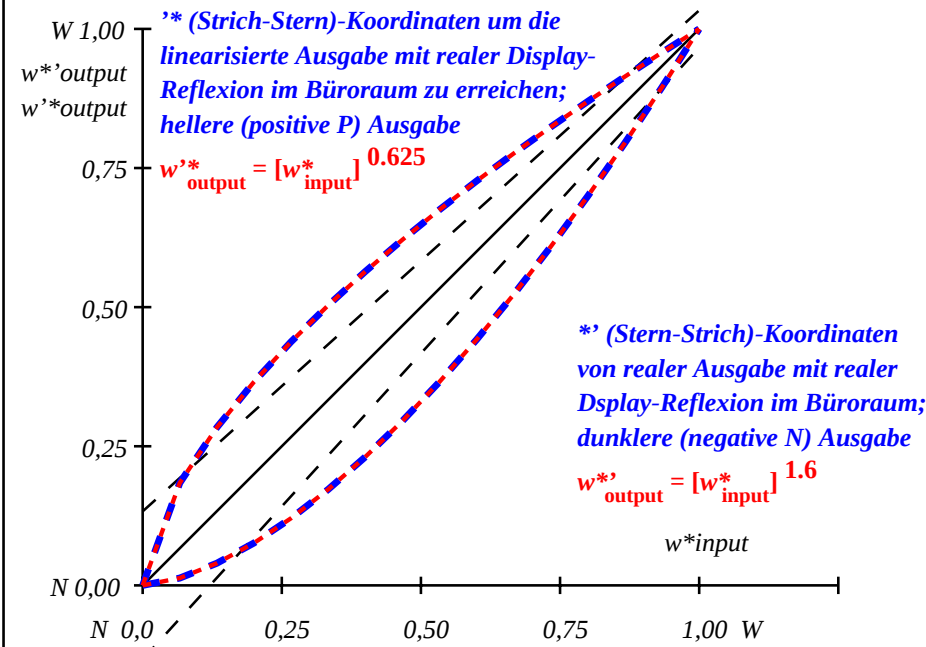
OG51: Ein-Ausgabe-Beziehung nach ISO 9241-306; 1MR, DH  
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:5$ ;  $Y_N$ -Bereich 3,75 to <7,5

Eingabe:  $w (->rgb^*_D) \text{setgray}$   
Ausgabe 130-2:  $g_P=1.0$ ;  $g_N=1.42$

| i                                        | LAB*ref | L*out | LAB*out | LAB*out/c-ref | ΔE*                         | Start-Ausgabe S1 |
|------------------------------------------|---------|-------|---------|---------------|-----------------------------|------------------|
| 1                                        | 37.99   | 0.0   | 0.0     | 37.99         | 0.0                         | 0.0              |
| 2                                        | 41.81   | 0.0   | 0.01    | 38.74         | 0.0                         | 3.07             |
| 3                                        | 45.64   | 0.0   | 0.04    | 40.27         | 0.0                         | 5.37             |
| 4                                        | 49.47   | 0.0   | 0.08    | 42.36         | 0.0                         | 7.11             |
| 5                                        | 53.3    | 0.0   | 0.12    | 44.91         | 0.0                         | 8.38             |
| 6                                        | 57.13   | 0.0   | 0.17    | 47.89         | 0.0                         | 9.24             |
| 7                                        | 60.96   | 0.0   | 0.23    | 51.24         | 0.0                         | 9.71             |
| 8                                        | 64.78   | 0.0   | 0.3     | 54.95         | 0.0                         | 9.83             |
| 9                                        | 68.61   | 0.0   | 0.37    | 58.99         | 0.0                         | 9.62             |
| 10                                       | 72.44   | 0.0   | 0.44    | 63.34         | 0.0                         | 9.1              |
| 11                                       | 76.27   | 0.0   | 0.52    | 68.0          | 0.0                         | 8.27             |
| 12                                       | 80.1    | 0.0   | 0.61    | 72.95         | 0.0                         | 7.15             |
| 13                                       | 83.93   | 0.0   | 0.7     | 78.17         | 0.0                         | 5.76             |
| 14                                       | 87.75   | 0.0   | 0.8     | 83.66         | 0.0                         | 4.09             |
| 15                                       | 91.58   | 0.0   | 0.9     | 89.41         | 0.0                         | 2.17             |
| 16                                       | 95.41   | 0.0   | 1.0     | 95.41         | 0.0                         | 0.01             |
| 17                                       | 37.99   | 0.0   | 0.0     | 37.99         | 0.0                         | 0.01             |
| 18                                       | 52.34   | 0.0   | 0.11    | 44.23         | 0.0                         | 8.11             |
| 19                                       | 66.7    | 0.0   | 0.33    | 56.93         | 0.0                         | 9.77             |
| 20                                       | 81.05   | 0.0   | 0.63    | 74.23         | 0.0                         | 6.83             |
| 21                                       | 95.41   | 0.0   | 1.0     | 95.41         | 0.0                         | 0.01             |
| Mittlerer Helligkeitsabstand (16 Stufen) |         |       |         |               | ΔE* <sub>CIELAB</sub> = 6.2 |                  |
| Mittlerer Helligkeitsabstand (5 Stufen)  |         |       |         |               | ΔL* <sub>CIELAB</sub> = 4.9 |                  |
| Mittlerer Farbwiedergabe-Index:          |         |       |         |               | R* <sub>ab,m</sub> = 73     |                  |

OG510-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

Fü linearisierte Ausgabe der 16 Graustufen von Bild A7-135-2



OG511-3N-135-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| L*/Y <sub>intended</sub><br>(absolut) | 38.0/10.1 | 41.8/12.4 | 45.6/15.0 | 49.5/18.0 | 53.3/21.3 | 57.1/25.1 | 61.0/29.2 | 64.8/33.8 | 68.6/38.8 | 72.4/44.3 | 76.3/50.3 | 80.1/56.9 | 83.9/63.9 | 87.8/71.6 | 91.6/79.8 | 95.4/88.6 |
|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| w* w* w*<br>setrgb                    |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| g <sub>N</sub> =1.6                   |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| 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       | 0,013     | 0,04      | 0,076     | 0,121     | 0,172     | 0,231     | 0,296     | 0,365     | 0,442     | 0,523     | 0,608     | 0,7       | 0,796     | 0,895     | 1,0       |

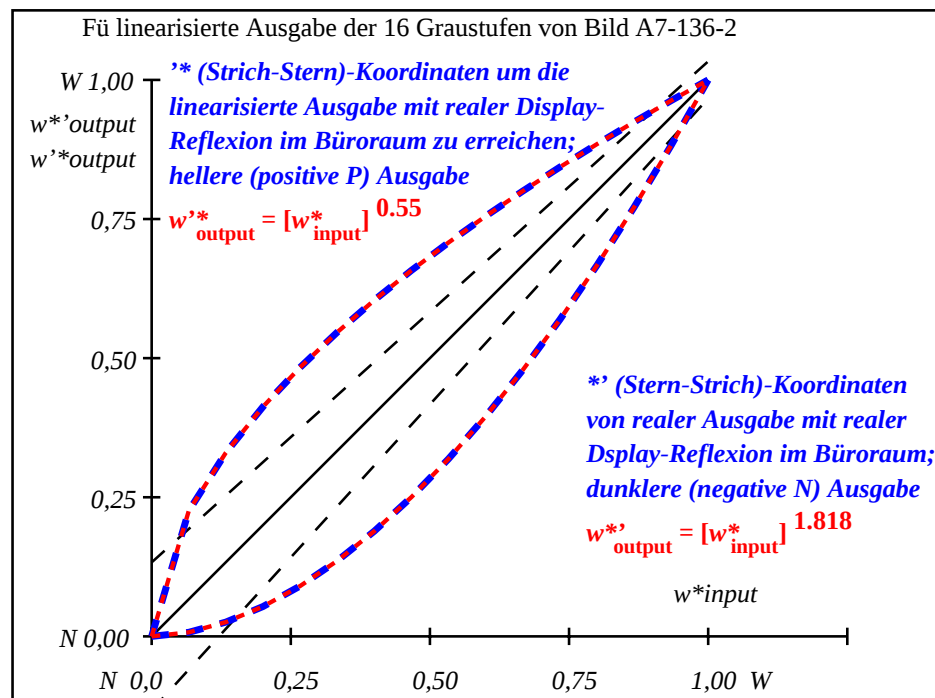
OG510-7N, Bild A7-135-2: 16 visuell gleichabständige L\*-Graustufen; PS-Operator: w\* w\* w\* setrgbcolor

OG51: Ein-Ausgabe-Beziehung nach ISO 9241-306; 1MR, DH  
Gesehener Y-Kontrast Y<sub>W</sub>:Y<sub>N</sub>=88,9:10; Y<sub>N</sub>-Bereich 7,5 to <15

Eingabe: w (->rgb\*) setgray  
Ausgabe 130-2: g<sub>P</sub>=1.0; g<sub>N</sub>=1.6

| i                               | LAB*ref       | L*out          | LAB*out       | LAB*out/c-ref | ΔE*                     | Start-Ausgabe S1                         |
|---------------------------------|---------------|----------------|---------------|---------------|-------------------------|------------------------------------------|
| 1                               | 52.02 0.0 0.0 | 0.0 0.0 0.0    | 52.02 0.0 0.0 | 0.0 0.0 0.0   | 0.01                    | Kennzeichnung nach                       |
| 2                               | 54.91 0.0 0.0 | 0.01 52.33 0.0 | 0.0 -2.57 0.0 | 0.0 0.0 0.0   | 2.58                    | ISO/IEC 15775 Anhang G                   |
| 3                               | 57.8 0.0 0.0  | 0.03 53.13 0.0 | 0.0 -4.66 0.0 | 0.0 0.0 0.0   | 4.67                    | und DIN 33866-1 Anhang G                 |
| 4                               | 60.7 0.0 0.0  | 0.05 54.34 0.0 | 0.0 -6.34 0.0 | 0.0 0.0 0.0   | 6.35                    |                                          |
| 5                               | 63.59 0.0 0.0 | 0.09 55.94 0.0 | 0.0 -7.64 0.0 | 0.0 0.0 0.0   | 7.65                    |                                          |
| 6                               | 66.48 0.0 0.0 | 0.14 57.9 0.0  | 0.0 -8.57 0.0 | 0.0 0.0 0.0   | 8.58                    |                                          |
| 7                               | 69.37 0.0 0.0 | 0.19 60.22 0.0 | 0.0 -9.15 0.0 | 0.0 0.0 0.0   | 9.16                    |                                          |
| 8                               | 72.27 0.0 0.0 | 0.25 62.87 0.0 | 0.0 -9.39 0.0 | 0.0 0.0 0.0   | 9.4                     |                                          |
| 9                               | 75.16 0.0 0.0 | 0.32 65.85 0.0 | 0.0 -9.3 0.0  | 0.0 0.0 0.0   | 9.31                    |                                          |
| 10                              | 78.05 0.0 0.0 | 0.4 69.16 0.0  | 0.0 -8.88 0.0 | 0.0 0.0 0.0   | 8.89                    |                                          |
| 11                              | 80.95 0.0 0.0 | 0.48 72.78 0.0 | 0.0 -8.16 0.0 | 0.0 0.0 0.0   | 8.17                    |                                          |
| 12                              | 83.84 0.0 0.0 | 0.57 76.71 0.0 | 0.0 -7.12 0.0 | 0.0 0.0 0.0   | 7.13                    |                                          |
| 13                              | 86.73 0.0 0.0 | 0.67 80.94 0.0 | 0.0 -5.78 0.0 | 0.0 0.0 0.0   | 5.79                    |                                          |
| 14                              | 89.62 0.0 0.0 | 0.77 85.47 0.0 | 0.0 -4.15 0.0 | 0.0 0.0 0.0   | 4.16                    |                                          |
| 15                              | 92.52 0.0 0.0 | 0.88 90.29 0.0 | 0.0 -2.21 0.0 | 0.0 0.0 0.0   | 2.22                    | Mittlerer Helligkeitsabstand (16 Stufen) |
| 16                              | 95.41 0.0 0.0 | 1.0 95.41 0.0  | 0.0 0.0 0.0   | 0.0 0.0 0.0   | 0.01                    | ΔE*CIELAB = 5.9                          |
| 17                              | 52.02 0.0 0.0 | 0.0 0.0 0.0    | 52.02 0.0 0.0 | 0.0 0.0 0.0   | 0.01                    |                                          |
| 18                              | 62.87 0.0 0.0 | 0.08 55.51 0.0 | 0.0 -7.35 0.0 | 0.0 0.0 0.0   | 7.36                    |                                          |
| 19                              | 73.71 0.0 0.0 | 0.28 64.32 0.0 | 0.0 -9.38 0.0 | 0.0 0.0 0.0   | 9.39                    |                                          |
| 20                              | 84.56 0.0 0.0 | 0.59 77.74 0.0 | 0.0 -6.82 0.0 | 0.0 0.0 0.0   | 6.83                    | Mittlerer Helligkeitsabstand (5 Stufen)  |
| 21                              | 95.41 0.0 0.0 | 1.0 95.41 0.0  | 0.0 0.0 0.0   | 0.0 0.0 0.0   | 0.01                    | ΔL*CIELAB = 4.7                          |
| Mittlerer Farbwiedergabe-Index: |               |                |               |               | R* <sub>ab,m</sub> = 74 |                                          |

OG510-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OG511-3N-136-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| $L^*/Y_{\text{intended}}$ (absolut) | 52.0/20.2 | 54.9/22.8 | 57.8/25.8 | 60.7/28.9 | 63.6/32.3 | 66.5/36.0 | 69.4/39.9 | 72.3/44.1 | 75.2/48.5 | 78.1/53.3 | 80.9/58.4 | 83.8/63.8 | 86.7/69.5 | 89.6/75.5 | 92.5/81.9 | 95.4/88.6 |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$ setrgb                |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| $g_N=1.82$                          |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| Nr. und 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      |
| $w^*=l^*$ CIELAB, r (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       | 0,007     | 0,026     | 0,054     | 0,091     | 0,135     | 0,189     | 0,25      | 0,319     | 0,395     | 0,479     | 0,569     | 0,666     | 0,771     | 0,882     | 1,0       |

OG510-7N, Bild A7-136-2: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator:  $w^* w^* w^* \text{ setrgbcolor}$

OG51: Ein-Ausgabe-Beziehung nach ISO 9241-306; 1MR, DH  
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:20$ ;  $Y_N$ -Bereich 15 to <30

Eingabe:  $w (->rgb^*_D) \text{ setgray}$   
Ausgabe 130-2:  $g_P=1.0$ ;  $g_N=1.81$

| i  | LAB*ref | L*out | LAB*out | LAB*out/c-ref | ΔE* | Start-Ausgabe S1 |
|----|---------|-------|---------|---------------|-----|------------------|
| 1  | 69.7    | 0.0   | 0.0     | 69.7          | 0.0 | 0.0              |
| 2  | 71.41   | 0.0   | 0.0     | 69.78         | 0.0 | 0.0              |
| 3  | 73.13   | 0.0   | 0.01    | 70.07         | 0.0 | 0.0              |
| 4  | 74.84   | 0.0   | 0.03    | 70.57         | 0.0 | 0.0              |
| 5  | 76.55   | 0.0   | 0.06    | 71.29         | 0.0 | 0.0              |
| 6  | 78.27   | 0.0   | 0.1     | 72.24         | 0.0 | 0.0              |
| 7  | 79.98   | 0.0   | 0.15    | 73.43         | 0.0 | 0.0              |
| 8  | 81.7    | 0.0   | 0.2     | 74.86         | 0.0 | 0.0              |
| 9  | 83.41   | 0.0   | 0.27    | 76.54         | 0.0 | 0.0              |
| 10 | 85.12   | 0.0   | 0.34    | 78.47         | 0.0 | 0.0              |
| 11 | 86.84   | 0.0   | 0.43    | 80.65         | 0.0 | 0.0              |
| 12 | 88.55   | 0.0   | 0.52    | 83.08         | 0.0 | 0.0              |
| 13 | 90.27   | 0.0   | 0.63    | 85.77         | 0.0 | 0.0              |
| 14 | 91.98   | 0.0   | 0.74    | 88.72         | 0.0 | 0.0              |
| 15 | 93.7    | 0.0   | 0.86    | 91.93         | 0.0 | 0.0              |
| 16 | 95.41   | 0.0   | 1.0     | 95.41         | 0.0 | 0.0              |
| 17 | 69.7    | 0.0   | 0.0     | 69.7          | 0.0 | 0.0              |
| 18 | 76.13   | 0.0   | 0.05    | 71.09         | 0.0 | 0.0              |
| 19 | 82.55   | 0.0   | 0.23    | 75.67         | 0.0 | 0.0              |
| 20 | 88.98   | 0.0   | 0.55    | 83.73         | 0.0 | 0.0              |
| 21 | 95.41   | 0.0   | 1.0     | 95.41         | 0.0 | 0.0              |

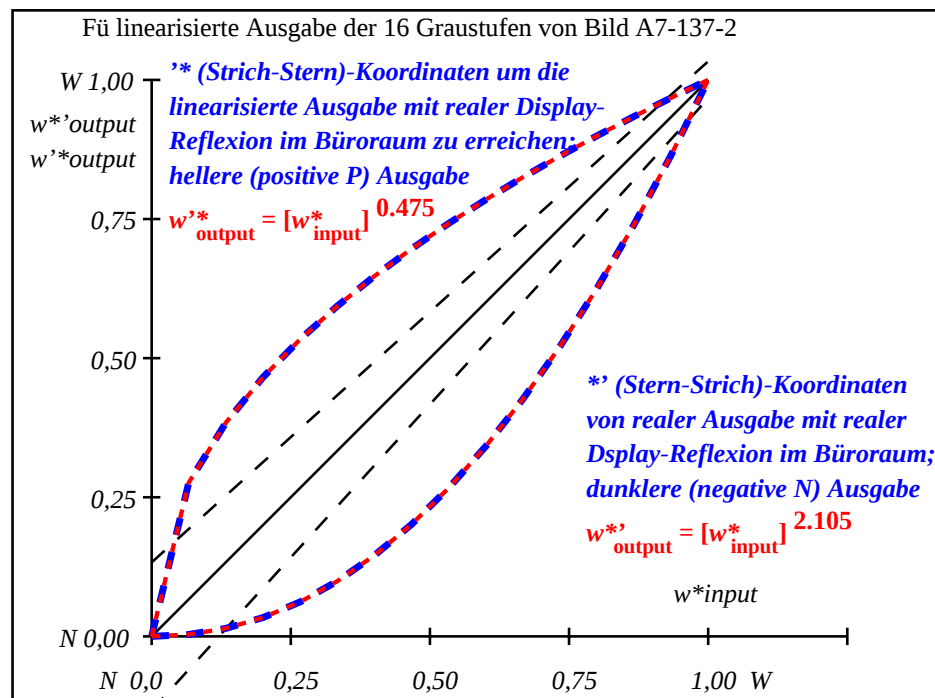
**Kennzeichnung nach ISO/IEC 15775 Anhang G und DIN 33866-1 Anhang G**

Mittlerer Helligkeitsabstand (16 Stufen)  $\Delta E^*_{CIELAB} = 4.3$

Mittlerer Helligkeitsabstand (5 Stufen)  $\Delta L^*_{CIELAB} = 3.4$

Mittlerer Farbwiedergabe-Index:  $R^*_{ab,m} = 81$

OG510-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown



OG511-3N-137-2: File: Measure unknown; Device: Device unknown; Date: Date unknown

| $L^*/Y^*_{intended}$<br>(absolut)  | 69.7/40.3 | 71.4/42.8 | 73.1/45.4 | 74.8/48.0 | 76.6/50.8 | 78.3/53.7 | 80.0/56.6 | 81.7/59.7 | 83.4/62.9 | 85.1/66.3 | 86.8/69.7 | 88.6/73.2 | 90.3/76.9 | 92.0/80.7 | 93.7/84.6 | 95.4/88.6 |
|------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| $w^* w^* w^*$<br>setrgb            |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |           |
| $g_N=2.11$<br>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      |
| $w^*=l^*_{CIELAB, r}$<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       | 0.003     | 0.014     | 0.034     | 0.062     | 0.099     | 0.145     | 0.201     | 0.266     | 0.341     | 0.426     | 0.52      | 0.625     | 0.74      | 0.864     | 1.0       |

OG510-7N, Bild A7-137-2: 16 visuell gleichabständige  $L^*$ -Graustufen; PS-Operator:  $w^* w^* w^* \text{setrgbcolor}$

OG51: Ein-Ausgabe-Beziehung nach ISO 9241-306; 1MR, DH  
Gesehener Y-Kontrast  $Y_W:Y_N=88,9:40$ ;  $Y_N$ -Bereich 30 to <60

Eingabe:  $w (->rgb^*_d) \text{setgray}$   
Ausgabe 130-2:  $g_P=1.0$ ;  $g_N=2.1$