

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 353/360 = 0.98$

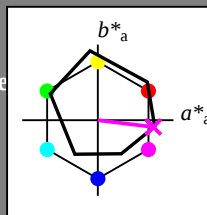
Datos del dispositivo (d) o elemental (e) color:

$HIC^*$

código de tono para les colore  
esta página:

$H^*_ = B50R_-$

triángulo claridad  $T^*$



| ORS18a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| name                               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R <sub>-</sub> ,Ma                 | 47.9        | 65.3    | 50.5    | 82.6         | 37           |
| Y <sub>-</sub> ,Ma                 | 90.3        | -10.2   | 91.7    | 92.3         | 96           |
| G <sub>-</sub> ,Ma                 | 50.9        | -62.8   | 34.9    | 71.9         | 150          |
| C <sub>-</sub> ,Ma                 | 58.6        | -30.3   | -45.0   | 54.2         | 236          |
| B <sub>-</sub> ,Ma                 | 25.7        | 31.0    | -44.4   | 54.2         | 305          |
| M <sub>-</sub> ,Ma                 | 48.1        | 75.2    | -8.3    | 75.7         | 353          |
| N <sub>-</sub> ,Ma                 | 18.0        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>-</sub> ,Ma                 | 95.4        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>-</sub> ,CIE                | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| Y <sub>-</sub> ,CIE                | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| G <sub>-</sub> ,CIE                | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| B <sub>-</sub> ,CIE                | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Los datos de color máximo (Ma):

$LabCh^*_{-,Ma}$ : 49 73 -9 74 353

$HIC^*_{-,Ma}$ : B50R\_100\_100\_

$rgbic^*_{-,Ma}$ :

1.0 0.0 1.0 1.0 1.0

triángulo claridad  $T^*$

% Gama

$u^*_{rel} = 92$

% Regularidad

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_$                             | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100_                      | 48.4        | 66.1    | 40.2    | 77.3         | 31           |
| R25Y_100_100_                      | 56.8        | 48.0    | 50.5    | 69.6         | 46           |
| R50Y_100_100_                      | 68.6        | 25.0    | 63.9    | 68.6         | 68           |
| R75Y_100_100_                      | 80.6        | 4.8     | 77.2    | 77.3         | 86           |
| Y00G_100_100_                      | 90.2        | -9.6    | 88.2    | 88.7         | 96           |
| Y25G_100_100_                      | 83.2        | -18.4   | 79.9    | 81.9         | 102          |
| Y50G_100_100_                      | 73.3        | -31.7   | 62.7    | 70.2         | 116          |
| Y75G_100_100_                      | 62.0        | -49.7   | 43.2    | 65.8         | 139          |
| G00B_100_100_                      | 55.8        | -65.2   | 33.8    | 73.4         | 152          |
| G25B_100_100_                      | 59.3        | -50.3   | -9.0    | 51.0         | 190          |
| G50B_100_100_                      | 63.0        | -30.5   | -42.0   | 51.9         | 234          |
| G75B_100_100_                      | 45.7        | -5.7    | -44.6   | 44.9         | 262          |
| B00R_100_100_                      | 27.5        | 25.9    | -47.3   | 53.9         | 298          |
| B25R_100_100_                      | 38.3        | 52.6    | -28.5   | 59.8         | 331          |
| B50R_100_100_                      | 49.5        | 73.5    | -9.0    | 74.0         | 353          |
| B75R_100_100_                      | 48.9        | 69.3    | 12.9    | 70.4         | 10           |

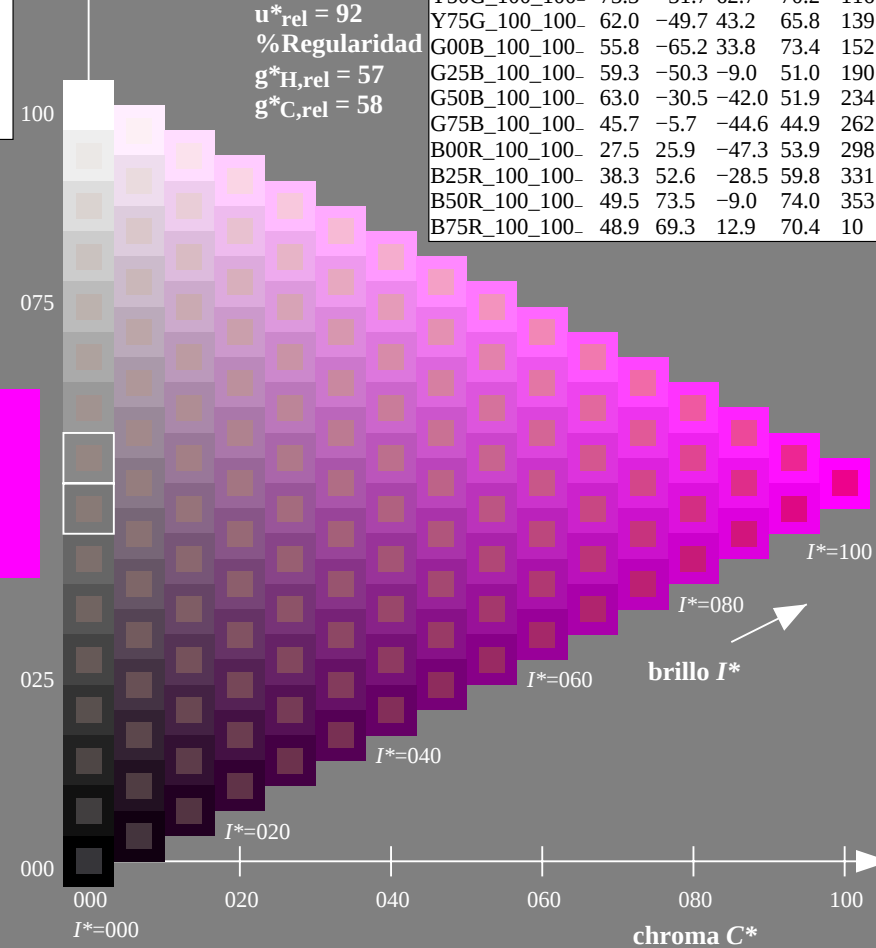
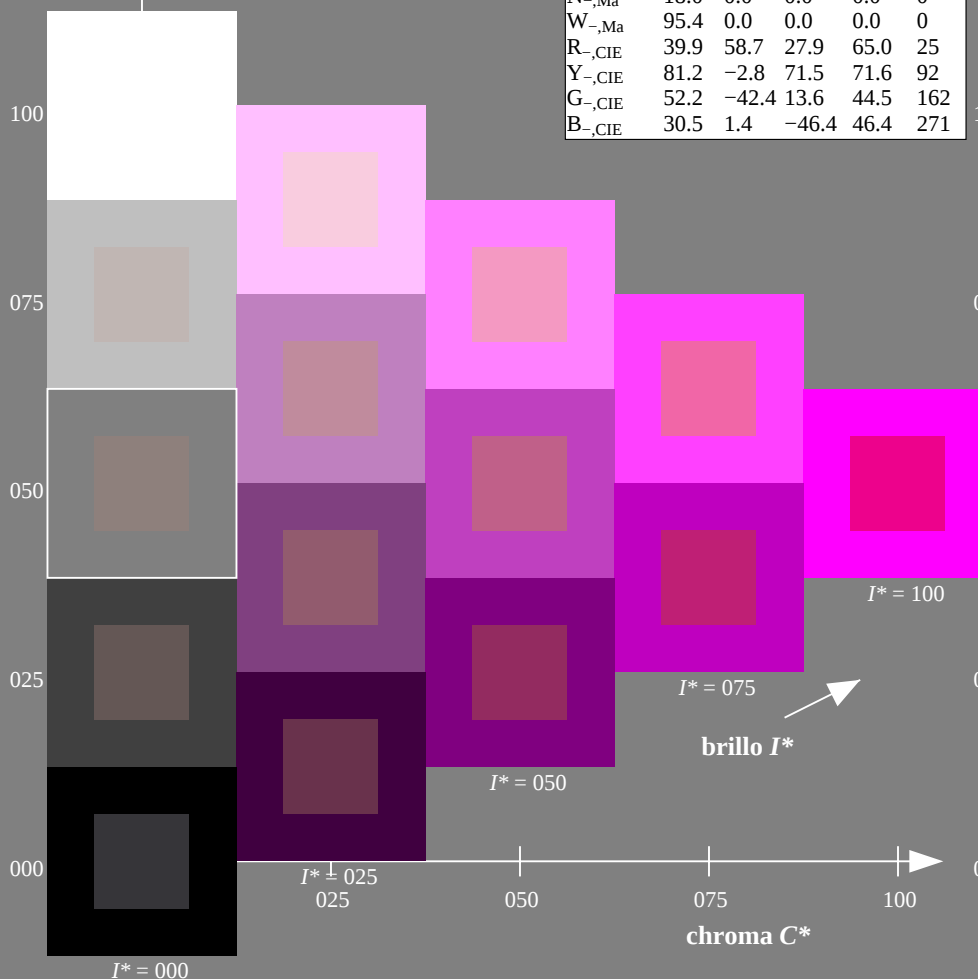


gráfico TUB-RS37; código de tono:  $H^*_ = B50R_-$   
gráfico según a DIN 33872, 3D=1, de=0,  $cm_y0^*$

entrada:  $rgb/cmyk \rightarrow rgb/cmyk$   
salida: ningún cambio

Entrada i salida: Offset Reflective System ORS18a for relative CIELAB hue  $h_{ab,a,rel} = h_{ab}/360 = 359/360 = 0.99$

$H^*_d = B50R_d$

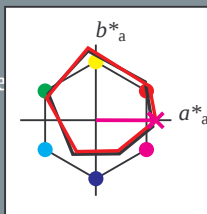
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_d$

código de tono para les colore  
esta página:

$H^*_d = B50R_d$

triàngulo claridad  $T^*$



| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| name                               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R <sub>d</sub> ,Ma                 | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| Y <sub>d</sub> ,Ma                 | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| G <sub>d</sub> ,Ma                 | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| C <sub>d</sub> ,Ma                 | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| B <sub>d</sub> ,Ma                 | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| M <sub>d</sub> ,Ma                 | 46.1        | 79.3    | -0.2    | 79.3         | 359          |
| N <sub>d</sub> ,Ma                 | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>d</sub> ,Ma                 | 95.6        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>d</sub> ,CIE                | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| Y <sub>d</sub> ,CIE                | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| G <sub>d</sub> ,CIE                | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| B <sub>d</sub> ,CIE                | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Los datos de color máximo (Ma):

$LabCh^*_d, Ma$ : 46 79 0 79 359

$HIC^*_d, Ma$ : B50R\_100\_100<sub>d</sub>

$rgbic^*_d, Ma$ :

1.0 0.0 1.0 1.0 1.0

triàngulo claridad  $T^*$

% Gama

$u^*_{rel} = 92$

% Regularidad

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_d$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100 <sub>d</sub>          | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| R25Y_100_100 <sub>d</sub>          | 53.0        | 53.4    | 54.8    | 76.5         | 45           |
| R50Y_100_100 <sub>d</sub>          | 64.9        | 28.9    | 68.6    | 74.5         | 67           |
| R75Y_100_100 <sub>d</sub>          | 78.6        | 4.3     | 84.7    | 84.8         | 87           |
| Y00G_100_100 <sub>d</sub>          | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| Y25G_100_100 <sub>d</sub>          | 81.2        | -17.0   | 84.3    | 86.0         | 101          |
| Y50G_100_100 <sub>d</sub>          | 70.6        | -29.7   | 66.5    | 72.8         | 114          |
| Y75G_100_100 <sub>d</sub>          | 57.9        | -48.3   | 45.8    | 66.5         | 136          |
| G00B_100_100 <sub>d</sub>          | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| G25B_100_100 <sub>d</sub>          | 52.9        | -48.6   | -8.0    | 49.3         | 189          |
| G50B_100_100 <sub>d</sub>          | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| G75B_100_100 <sub>d</sub>          | 41.7        | -1.2    | -40.6   | 40.6         | 268          |
| B00R_100_100 <sub>d</sub>          | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| B25R_100_100 <sub>d</sub>          | 35.6        | 58.6    | -20.7   | 62.1         | 340          |
| B50R_100_100 <sub>d</sub>          | 46.1        | 79.3    | -0.2    | 79.3         | 359          |
| B75R_100_100 <sub>d</sub>          | 45.9        | 74.2    | 21.1    | 77.1         | 15           |

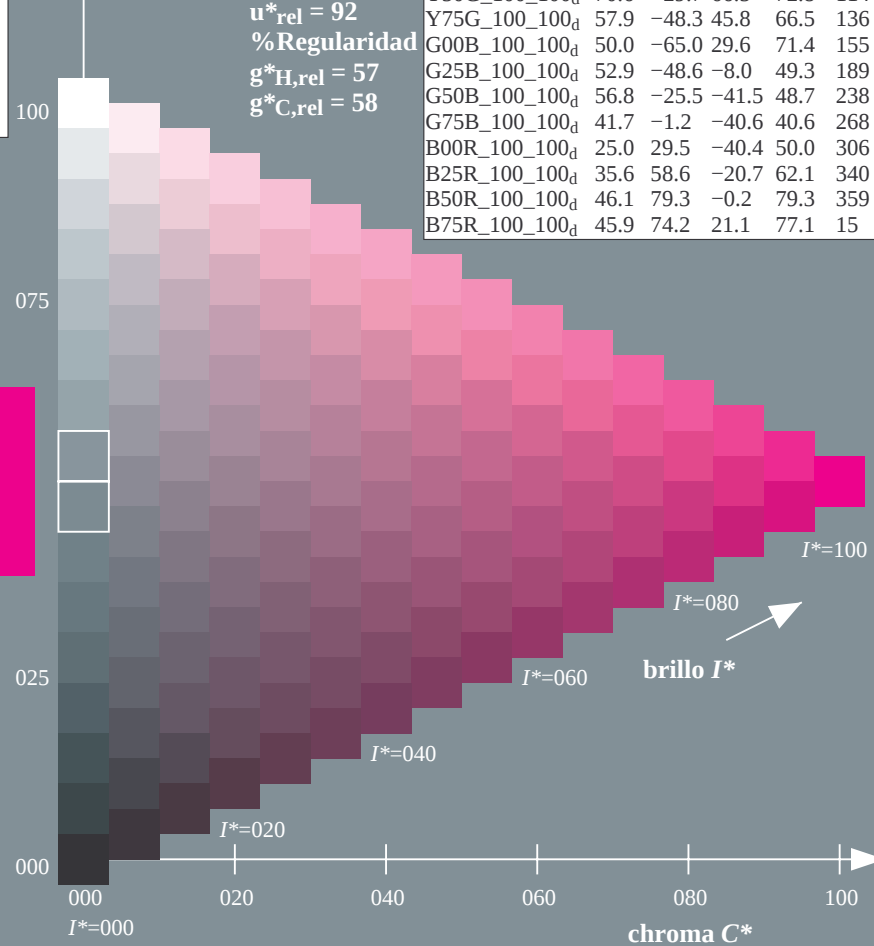
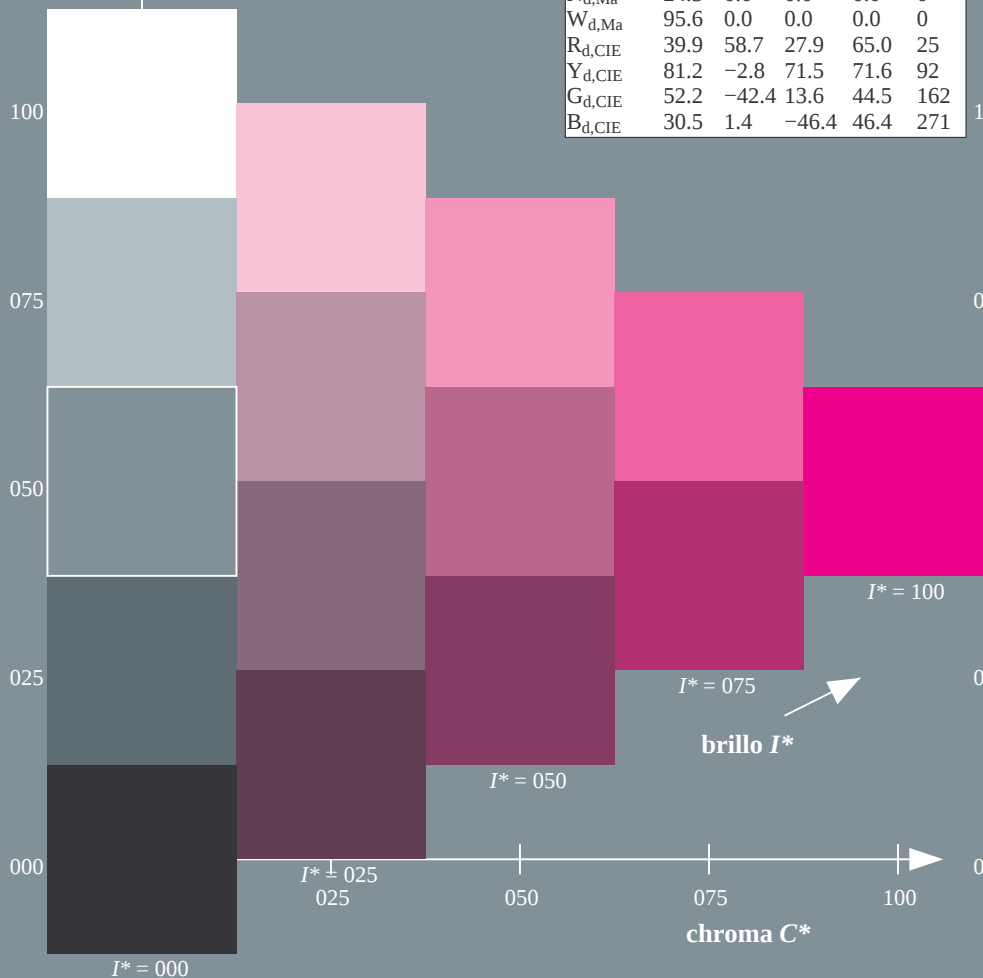


gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmY0^*$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$

salida: 3D-linealización a  $cmY0^*_{dd}$

TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS  
aplicación para la medida salida en la impresión offset, separación  $cmY0^*$  (CMY0)

TUB material: code=rha4ta

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$H^*_d = B50R_d$

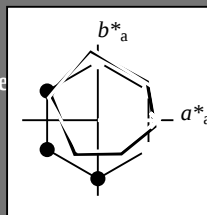
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_d$

código de tono para les colore  
esta página:

$H^*_d = B50R_d$

triàngulo claridad  $T^*$



| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| name                               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R <sub>d</sub> ,Ma                 | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| Y <sub>d</sub> ,Ma                 | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| G <sub>d</sub> ,Ma                 | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| C <sub>d</sub> ,Ma                 | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| B <sub>d</sub> ,Ma                 | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| M <sub>d</sub> ,Ma                 | 46.1        | 79.3    | -0.2    | 79.3         | 359          |
| N <sub>d</sub> ,Ma                 | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>d</sub> ,Ma                 | 95.6        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>d</sub> ,CIE                | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| Y <sub>d</sub> ,CIE                | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| G <sub>d</sub> ,CIE                | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| B <sub>d</sub> ,CIE                | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Los datos de color máximo (Ma):

$LabCh^*_d, Ma$ : 46 79 0 79 359

$HIC^*_d, Ma$ : B50R\_100\_100<sub>d</sub>

$rgbic^*_d, Ma$ :

1.0 0.0 1.0 1.0 1.0

triàngulo claridad  $T^*$

%Gama

$u^*_{rel} = 92$

%Regularidad

$g^*_{H,rel} = 57$

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| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_d$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100 <sub>d</sub>          | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| R25Y_100_100 <sub>d</sub>          | 53.0        | 53.4    | 54.8    | 76.5         | 45           |
| R50Y_100_100 <sub>d</sub>          | 64.9        | 28.9    | 68.6    | 74.5         | 67           |
| R75Y_100_100 <sub>d</sub>          | 78.6        | 4.3     | 84.7    | 84.8         | 87           |
| Y00G_100_100 <sub>d</sub>          | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| Y25G_100_100 <sub>d</sub>          | 81.2        | -17.0   | 84.3    | 86.0         | 101          |
| Y50G_100_100 <sub>d</sub>          | 70.6        | -29.7   | 66.5    | 72.8         | 114          |
| Y75G_100_100 <sub>d</sub>          | 57.9        | -48.3   | 45.8    | 66.5         | 136          |
| G00B_100_100 <sub>d</sub>          | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| G25B_100_100 <sub>d</sub>          | 52.9        | -48.6   | -8.0    | 49.3         | 189          |
| G50B_100_100 <sub>d</sub>          | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| G75B_100_100 <sub>d</sub>          | 41.7        | -1.2    | -40.6   | 40.6         | 268          |
| B00R_100_100 <sub>d</sub>          | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| B25R_100_100 <sub>d</sub>          | 35.6        | 58.6    | -20.7   | 62.1         | 340          |
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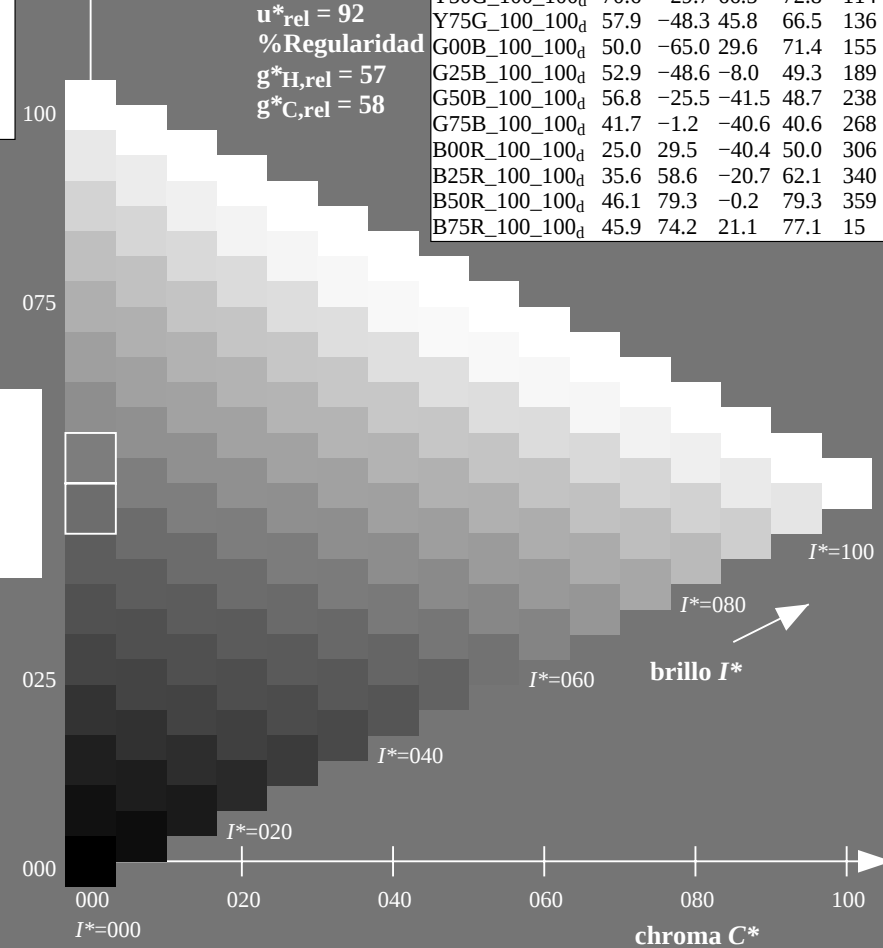
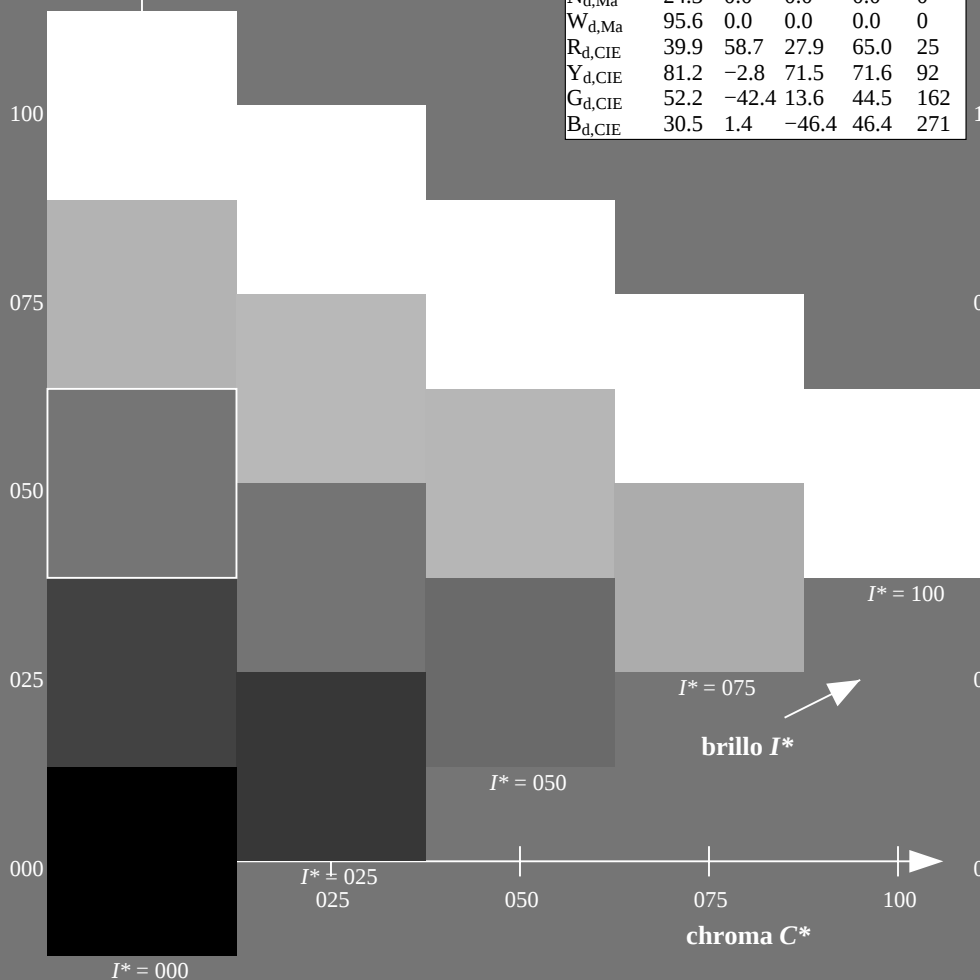


gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmY0^*$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmY0^*_{dd}$

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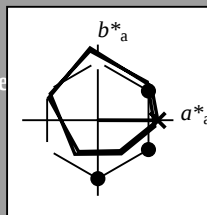
Datos del dispositivo (d) o elemental (e) color:

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$LabCh^*_{d,Ma}$ : 46 79 0 79 359

$HIC^*_{d,Ma}$ : B50R\_100\_100<sub>d</sub>

$rgbic^*_{d,Ma}$ :

1.0 0.0 1.0 1.0 1.0

triángulo claridad  $T^*$

% Gama

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$g^*_{H,rel} = 57$

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| B00R_100_100 <sub>d</sub>          | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| B25R_100_100 <sub>d</sub>          | 35.6        | 58.6    | -20.7   | 62.1         | 340          |
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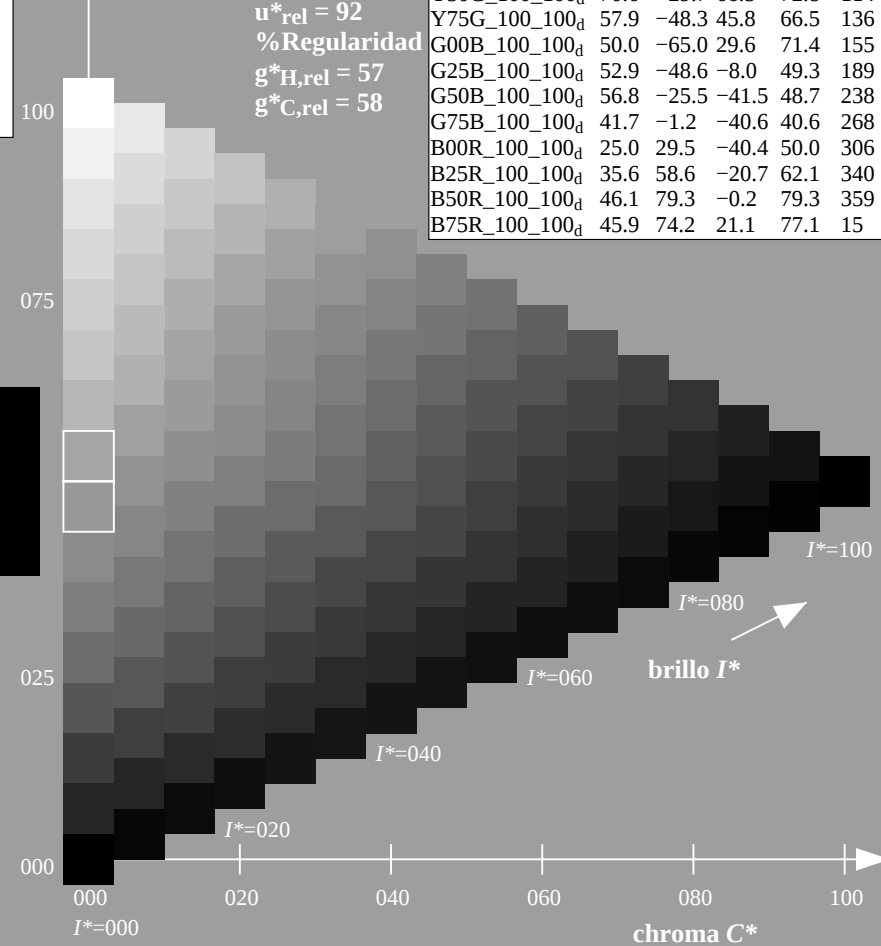
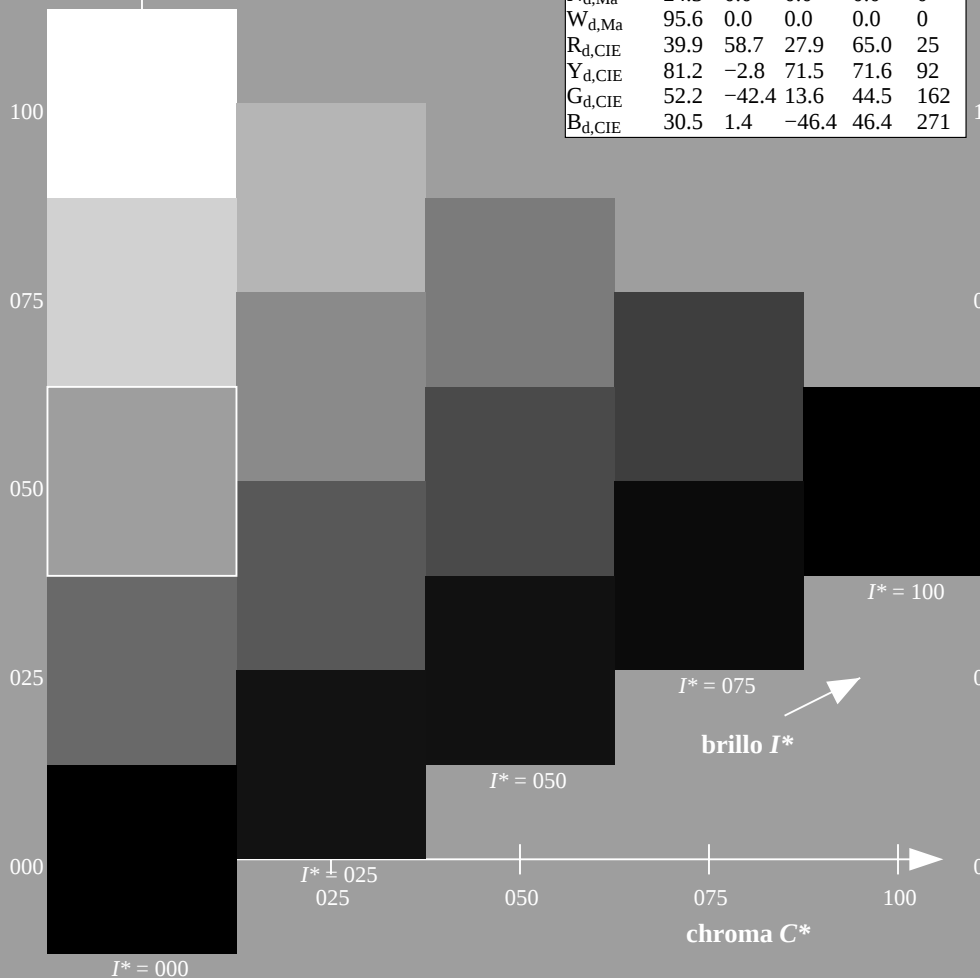


gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmY0^*$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmY0^*_{dd}$

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$H^*_d = B50R_d$

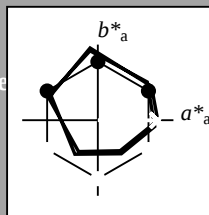
Datos del dispositivo (d) o elemental (e) color:

$HIC^*_d$

código de tono para los colores de esta página:

$H^*_d = B50R_d$

triángulo claridad  $T^*$



| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| name                               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R <sub>d</sub> ,Ma                 | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| Y <sub>d</sub> ,Ma                 | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| G <sub>d</sub> ,Ma                 | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| C <sub>d</sub> ,Ma                 | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| B <sub>d</sub> ,Ma                 | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| M <sub>d</sub> ,Ma                 | 46.1        | 79.3    | -0.2    | 79.3         | 359          |
| N <sub>d</sub> ,Ma                 | 24.3        | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>d</sub> ,Ma                 | 95.6        | 0.0     | 0.0     | 0.0          | 0            |
| R <sub>d</sub> ,CIE                | 39.9        | 58.7    | 27.9    | 65.0         | 25           |
| Y <sub>d</sub> ,CIE                | 81.2        | -2.8    | 71.5    | 71.6         | 92           |
| G <sub>d</sub> ,CIE                | 52.2        | -42.4   | 13.6    | 44.5         | 162          |
| B <sub>d</sub> ,CIE                | 30.5        | 1.4     | -46.4   | 46.4         | 271          |

Los datos de color máximo (Ma):

$LabCh^*_{d,Ma}$ : 46 79 0 79 359

$HIC^*_{d,Ma}$ : B50R\_100\_100<sub>d</sub>

$rgbic^*_{d,Ma}$ :

1.0 0.0 1.0 1.0 1.0

triángulo claridad  $T^*$

% Gama

$u^*_{rel} = 92$

% Regularidad

$g^*_{H,rel} = 57$

$g^*_{C,rel} = 58$

| ORS20a; datos adaptados CIELAB (a) |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| $H^*_d$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| R00Y_100_100 <sub>d</sub>          | 45.4        | 70.9    | 44.8    | 83.9         | 32           |
| R25Y_100_100 <sub>d</sub>          | 53.0        | 53.4    | 54.8    | 76.5         | 45           |
| R50Y_100_100 <sub>d</sub>          | 64.9        | 28.9    | 68.6    | 74.5         | 67           |
| R75Y_100_100 <sub>d</sub>          | 78.6        | 4.3     | 84.7    | 84.8         | 87           |
| Y00G_100_100 <sub>d</sub>          | 87.8        | -10.2   | 95.4    | 96.0         | 96           |
| Y25G_100_100 <sub>d</sub>          | 81.2        | -17.0   | 84.3    | 86.0         | 101          |
| Y50G_100_100 <sub>d</sub>          | 70.6        | -29.7   | 66.5    | 72.8         | 114          |
| Y75G_100_100 <sub>d</sub>          | 57.9        | -48.3   | 45.8    | 66.5         | 136          |
| G00B_100_100 <sub>d</sub>          | 50.0        | -65.0   | 29.6    | 71.4         | 155          |
| G25B_100_100 <sub>d</sub>          | 52.9        | -48.6   | -8.0    | 49.3         | 189          |
| G50B_100_100 <sub>d</sub>          | 56.8        | -25.5   | -41.5   | 48.7         | 238          |
| G75B_100_100 <sub>d</sub>          | 41.7        | -1.2    | -40.6   | 40.6         | 268          |
| B00R_100_100 <sub>d</sub>          | 25.0        | 29.5    | -40.4   | 50.0         | 306          |
| B25R_100_100 <sub>d</sub>          | 35.6        | 58.6    | -20.7   | 62.1         | 340          |
| B50R_100_100 <sub>d</sub>          | 46.1        | 79.3    | -0.2    | 79.3         | 359          |
| B75R_100_100 <sub>d</sub>          | 45.9        | 74.2    | 21.1    | 77.1         | 15           |

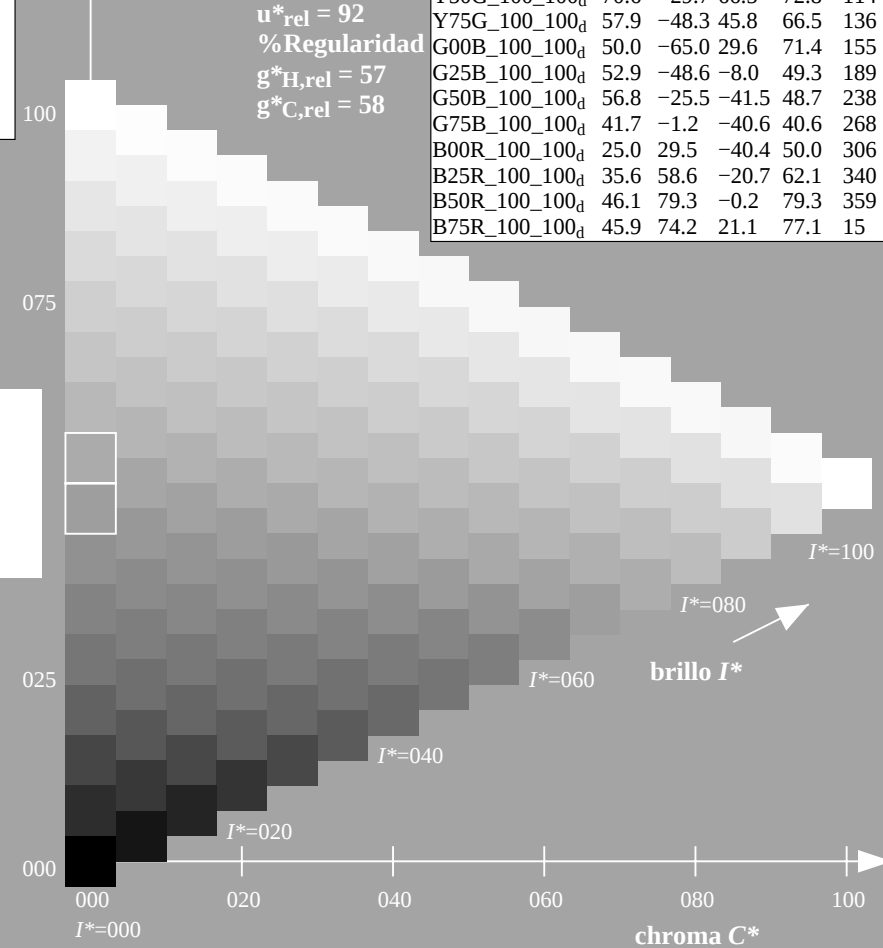
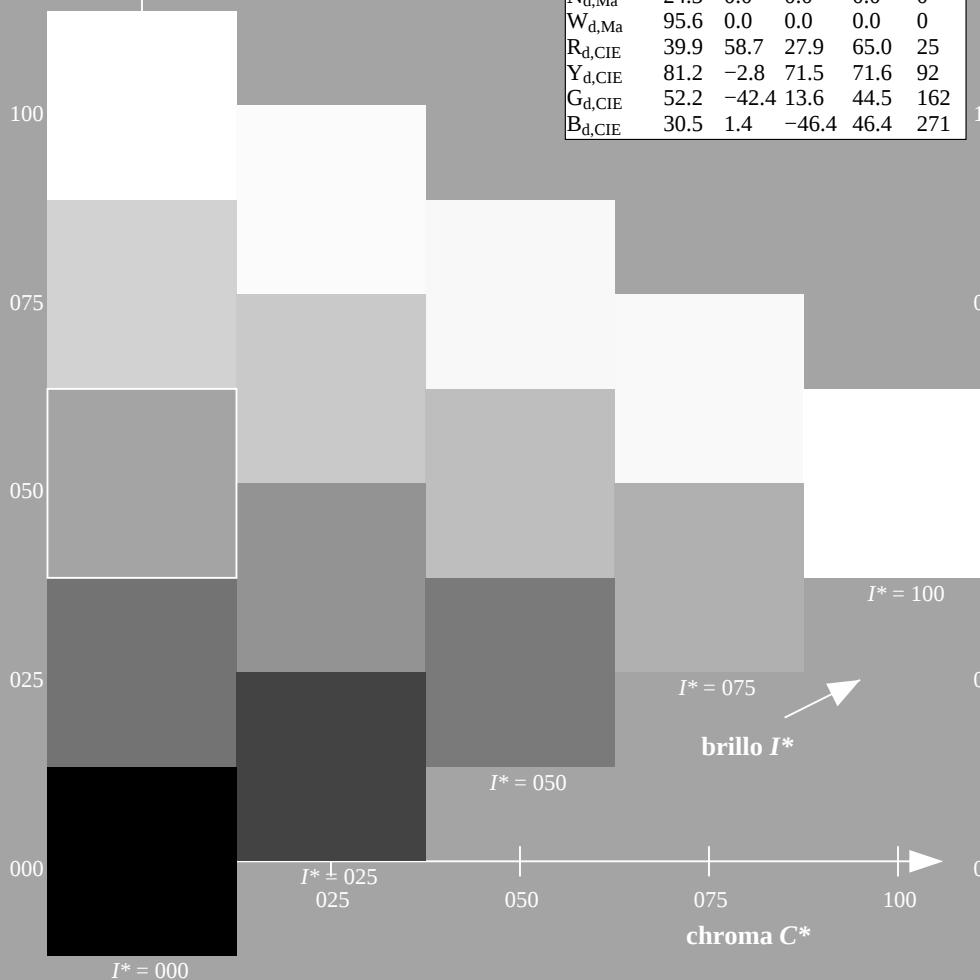
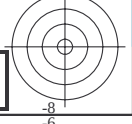
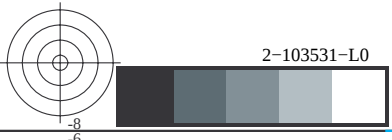


gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$   
gráfico según a DIN 33872, 3D=1, de=0,  $cmY0^*$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmY0^*_{dd}$



vea archivos semejantes: <http://130.149.60.45/~farbmetrik/RS37/RS37.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>



Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ; Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

$J=Y_d$

$LCH^*_d = 87.8 \quad 96.0 \quad 96.1$   
 $LAB^*_d = 87.8 \quad -10.2 \quad 95.4$   
 $rgb^*_d = 1.0 \quad 1.0 \quad 0.0$

$L=G_d$

$LCH^*_d = 50.0 \quad 71.4 \quad 155.5$   
 $LAB^*_d = 50.0 \quad -65.0 \quad 29.6$   
 $rgb^*_d = 0.0 \quad 1.0 \quad 0.0$

$C=C_d$

$LCH^*_d = 56.8 \quad 48.7 \quad 238.4$   
 $LAB^*_d = 56.8 \quad -25.5 \quad -41.5$   
 $rgb^*_d = 0.0 \quad 1.0 \quad 1.0$

$O=R_d$

$LCH^*_d = 45.4 \quad 83.9 \quad 32.3$   
 $LAB^*_d = 45.4 \quad 70.9 \quad 44.8$   
 $rgb^*_d = 1.0 \quad 0.0 \quad 0.0$

$M=M_d$

$LCH^*_d = 46.1 \quad 79.3 \quad 359.8$   
 $LAB^*_d = 46.1 \quad 79.3 \quad -0.2$   
 $rgb^*_d = 1.0 \quad 0.0 \quad 1.0$

$V=B_d$

$LCH^*_d = 25.0 \quad 50.0 \quad 306.2$   
 $LAB^*_d = 25.0 \quad 29.5 \quad -40.4$   
 $rgb^*_d = 0.0 \quad 0.0 \quad 1.0$

$Y_e$

$LCH^*_e = 83.6 \quad 90.4 \quad 92.3$   
 $LAB^*_e = 83.6 \quad -3.6 \quad 90.4$   
 $rgb^*_{de} = 1.0 \quad 0.878 \quad 0.0$

$G_e$

$LCH^*_e = 50.6 \quad 65.2 \quad 162.2$   
 $LAB^*_e = 50.6 \quad -62.1 \quad 19.9$   
 $rgb^*_{de} = 0.0 \quad 1.0 \quad 0.151$

$C_e$

$LCH^*_e = 55.0 \quad 45.3 \quad 216.9$   
 $LAB^*_e = 55.0 \quad -36.2 \quad -27.2$   
 $rgb^*_{de} = 0.0 \quad 1.0 \quad 0.747$

$B_e$

$LCH^*_e = 40.2 \quad 40.6 \quad 271.7$   
 $LAB^*_e = 40.2 \quad 1.2 \quad -40.6$   
 $rgb^*_{de} = 0.0 \quad 0.458 \quad 1.0$

$R_e$

$LCH^*_e = 45.6 \quad 80.0 \quad 25.4$   
 $LAB^*_e = 45.6 \quad 72.2 \quad 34.4$   
 $rgb^*_{de} = 1.0 \quad 0.0 \quad 0.254$

$M_e$

$LCH^*_e = 31.1 \quad 55.9 \quad 328.6$   
 $LAB^*_e = 31.1 \quad 47.7 \quad -29.1$   
 $rgb^*_{de} = 0.321 \quad 0.0 \quad 1.0$

$Y_s$

$LCH^*_s = 81.4 \quad 87.9 \quad 90.0$   
 $LAB^*_s = 81.4 \quad 0.0 \quad 87.9$   
 $rgb^*_{ds} = 1.0 \quad 0.828 \quad 0.0$

$G_s$

$LCH^*_s = 52.3 \quad 68.9 \quad 150.0$   
 $LAB^*_s = 52.3 \quad -59.6 \quad 34.4$   
 $rgb^*_{ds} = 0.062 \quad 1.0 \quad 0.0$

$R_s$

$LCH^*_s = 45.5 \quad 82.4 \quad 30.0$   
 $LAB^*_s = 45.5 \quad 71.3 \quad 41.2$   
 $rgb^*_{ds} = 1.0 \quad 0.0 \quad 0.096$

$M_s$

$LCH^*_s = 31.6 \quad 56.5 \quad 330.0$   
 $LAB^*_s = 31.6 \quad 49.0 \quad -28.2$   
 $rgb^*_{ds} = 0.337 \quad 0.0 \quad 1.0$

$B_s$

$LCH^*_s = 40.9 \quad 40.6 \quad 270.0$   
 $LAB^*_s = 40.9 \quad 0.0 \quad -40.6$   
 $rgb^*_{ds} = 0.0 \quad 0.479 \quad 1.0$

$(a^*_d, b^*_d), (a^*_s, b^*_s), (a^*_e, b^*_e)$

$rgb^*_d, LCH^*_d, LAB^*_d$

$h_{ab,i}, rgb^*_{di}$

$$h_{ab,s} = \text{atan} [ r^*_d \cos(30) + g^*_d \cos(150) ] / [ r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270) ] \quad (1)$$

$h_{ab,s}$

$s: h_{ab,i} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0 (i=0,6)$

$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$

$h_{ab,e}$

$e: h_{ab,i} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5 (i=0,6)$

$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$

$h_{ab,i}, h_{ab,d}$

$rgb^*_{di}$

2-103631-L0

RS370-72

$LAB^*_{a0}, YN=0\%, XYZ_{nw}=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB^*_{nw}=24.4, 0.0, 0.0, 95.6, 0.0, 0.0$

gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$   
círculo de tono, 48 pasos;  $rgb-LabCh^*$ mesas

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$

salida: 3D-linealización a  $cmy0^*_{dd}$

salida: Offset standard print; separation cmy0\*, D65, página 7/33

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/RS37/RS37L0FA.TXT> / .PS  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)  
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd64M}$ |       |       |      |       |       |      |       | $LAB^*_{ddx64M}(x=LabCh)$ |       |       |      |       |       |      |     | $rgb^*_{ddx361M}$ |       |       |      |       |       |      |     | $LAB^*_{ddx361M}(x=LabCh)$ |       |       |      |       |       |      |     | $rgb^*_{dsx361M}$ |     |     |      |       |       |      |     | $LAB^*_{dsx361M}(x=LabCh)$ |  |  |  |  |  |  |  | $rgb^*_{dex361M}$ |  |  |  |  |  |  |  | $LAB^*_{dex361M}$ |  |  |  |  |  |  |  |
|------------|------------|------------|-----------------|-------|-------|------|-------|-------|------|-------|---------------------------|-------|-------|------|-------|-------|------|-----|-------------------|-------|-------|------|-------|-------|------|-----|----------------------------|-------|-------|------|-------|-------|------|-----|-------------------|-----|-----|------|-------|-------|------|-----|----------------------------|--|--|--|--|--|--|--|-------------------|--|--|--|--|--|--|--|-------------------|--|--|--|--|--|--|--|
| 32.3       | 30.0       | 25.4       | 1.0             | 0.0   | 0.0   | 45.4 | 70.9  | 44.8  | 83.9 | 32.3  | 1.0                       | 0.0   | 0.0   | 45.5 | 70.9  | 44.9  | 83.9 | 32  | 1.0               | 0.0   | 0.096 | 45.5 | 71.4  | 41.2  | 82.4 | 30  | 1.0                        | 0.0   | 0.255 | 45.7 | 72.2  | 34.4  | 80.0 | 25  | 1.0               | 0.0 | 0.0 | 45.6 | 71.5  | 41.3  | 82.5 | 31  |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 38.1       | 37.5       | 33.8       | 1.0             | 0.125 | 0.0   | 48.9 | 62.8  | 49.4  | 79.9 | 38.1  | 1.0                       | 0.117 | 0.0   | 48.7 | 63.4  | 49.1  | 80.2 | 37  | 1.0               | 0.1   | 0.0   | 48.2 | 64.5  | 48.6  | 80.7 | 37  | 1.0                        | 0.021 | 0.0   | 46.0 | 69.6  | 45.7  | 83.3 | 33  | 1.0               | 0.0 | 0.0 | 46.1 | 70.7  | 45.8  | 83.4 | 34  |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 46.8       | 45.0       | 42.1       | 1.0             | 0.25  | 0.0   | 53.6 | 51.9  | 55.5  | 76.0 | 46.8  | 1.0                       | 0.25  | 0.0   | 53.7 | 52.0  | 55.5  | 76.0 | 46  | 1.0               | 0.223 | 0.0   | 52.7 | 54.4  | 54.4  | 76.9 | 45  | 1.0                        | 0.183 | 0.0   | 51.1 | 57.9  | 52.5  | 78.1 | 42  | 1.0               | 0.0 | 0.0 | 51.2 | 59.0  | 52.6  | 78.2 | 43  |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 56.9       | 52.5       | 50.5       | 1.0             | 0.375 | 0.0   | 59.1 | 40.3  | 62.0  | 74.0 | 56.9  | 1.0                       | 0.367 | 0.0   | 58.8 | 41.1  | 61.7  | 74.2 | 56  | 1.0               | 0.313 | 0.0   | 56.5 | 46.2  | 59.1  | 75.0 | 52  | 1.0                        | 0.288 | 0.0   | 55.4 | 48.5  | 57.8  | 75.4 | 49  | 1.0               | 0.0 | 0.0 | 55.5 | 49.6  | 57.9  | 75.5 | 50  |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 67.1       | 60.0       | 58.8       | 1.0             | 0.5   | 0.0   | 64.9 | 28.9  | 68.6  | 74.5 | 67.1  | 1.0                       | 0.5   | 0.0   | 64.9 | 28.9  | 68.7  | 74.5 | 67  | 1.0               | 0.412 | 0.0   | 60.9 | 37.1  | 64.2  | 74.2 | 60  | 1.0                        | 0.398 | 0.0   | 60.3 | 38.3  | 63.5  | 74.1 | 58  | 1.0               | 0.0 | 0.0 | 60.4 | 39.4  | 63.6  | 74.2 | 59  |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 78.6       | 67.5       | 67.2       | 1.0             | 0.625 | 0.0   | 72.1 | 15.4  | 77.1  | 78.6 | 78.6  | 1.0                       | 0.617 | 0.0   | 71.6 | 16.5  | 76.7  | 78.4 | 77  | 1.0               | 0.498 | 0.0   | 64.8 | 29.1  | 68.6  | 74.5 | 67  | 1.0                        | 0.494 | 0.0   | 64.6 | 29.5  | 68.4  | 74.5 | 66  | 1.0               | 0.0 | 0.0 | 64.7 | 30.6  | 68.5  | 74.6 | 65  |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 86.2       | 75.0       | 75.6       | 1.0             | 0.75  | 0.0   | 77.9 | 5.4   | 83.8  | 84.0 | 86.2  | 1.0                       | 0.75  | 0.0   | 77.9 | 5.5   | 83.9  | 84.1 | 86  | 1.0               | 0.585 | 0.0   | 69.8 | 20.0  | 74.7  | 77.4 | 75  | 1.0                        | 0.592 | 0.0   | 70.2 | 19.3  | 75.2  | 77.6 | 76  | 1.0               | 0.0 | 0.0 | 70.3 | 20.4  | 75.3  | 77.7 | 77  |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 92.1       | 82.5       | 83.9       | 1.0             | 0.875 | 0.0   | 83.4 | -3.4  | 90.2  | 90.2 | 92.1  | 1.0                       | 0.867 | 0.0   | 83.1 | -2.7  | 89.8  | 89.9 | 91  | 1.0               | 0.68  | 0.0   | 74.7 | 11.3  | 80.3  | 81.1 | 82  | 1.0                        | 0.703 | 0.0   | 75.8 | 9.4   | 81.5  | 82.0 | 83  | 1.0               | 0.0 | 0.0 | 75.9 | 10.5  | 81.6  | 82.1 | 84  |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 96.1       | 90.0       | 92.3       | 1.0             | 1.0   | 0.0   | 87.8 | -10.2 | 95.4  | 96.0 | 96.1  | 1.0                       | 1.0   | 0.0   | 87.8 | -10.1 | 95.5  | 96.0 | 96  | 1.0               | 0.829 | 0.0   | 81.4 | 0.0   | 88.0  | 88.0 | 90  | 1.0                        | 0.879 | 0.0   | 83.6 | -3.6  | 90.4  | 90.5 | 92  | 1.0               | 0.0 | 0.0 | 83.7 | -4.7  | 90.5  | 90.6 | 93  |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 98.8       | 97.5       | 101.0      | 0.875           | 1.0   | 0.0   | 84.3 | -13.9 | 89.2  | 90.3 | 98.8  | 0.883                     | 1.0   | 0.0   | 84.6 | -13.6 | 89.7  | 90.7 | 98  | 0.959             | 1.0   | 0.0   | 86.7 | -11.4 | 93.5  | 94.2 | 97  | 0.807                      | 1.0   | 0.0   | 82.4 | -15.8 | 86.2  | 87.7 | 100 | 0.0               | 0.0 | 0.0 | 82.5 | -16.9 | 86.3  | 87.8 | 101 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 101.8      | 105.0      | 109.7      | 0.75            | 1.0   | 0.0   | 80.7 | -17.5 | 83.5  | 85.3 | 101.8 | 0.75                      | 1.0   | 0.0   | 80.8 | -17.4 | 83.6  | 85.4 | 101 | 0.682             | 1.0   | 0.0   | 77.8 | -21.2 | 79.4  | 82.2 | 105 | 0.583                      | 1.0   | 0.0   | 73.7 | -26.1 | 72.7  | 77.3 | 109 | 0.0               | 0.0 | 0.0 | 73.8 | -27.2 | 72.8  | 77.4 | 110 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 107.6      | 112.5      | 118.5      | 0.625           | 1.0   | 0.0   | 75.3 | -24.0 | 75.7  | 79.4 | 107.6 | 0.633                     | 1.0   | 0.0   | 75.7 | -23.6 | 76.3  | 79.9 | 107 | 0.54              | 1.0   | 0.0   | 72.1 | -28.0 | 69.5  | 75.0 | 112 | 0.434                      | 1.0   | 0.0   | 68.0 | -32.9 | 62.2  | 70.5 | 117 | 0.0               | 0.0 | 0.0 | 68.1 | -34.0 | 62.3  | 70.6 | 118 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 114.0      | 120.0      | 127.2      | 0.5             | 1.0   | 0.0   | 70.6 | -29.7 | 66.5  | 72.8 | 114.0 | 0.5                       | 1.0   | 0.0   | 70.6 | -29.6 | 66.5  | 72.8 | 114 | 0.399             | 1.0   | 0.0   | 66.7 | -34.5 | 59.9  | 69.2 | 120 | 0.322                      | 1.0   | 0.0   | 62.6 | -40.8 | 53.8  | 67.6 | 127 | 0.0               | 0.0 | 0.0 | 62.7 | -41.9 | 53.9  | 67.7 | 128 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 121.4      | 127.5      | 136.0      | 0.375           | 1.0   | 0.0   | 65.7 | -35.6 | 58.3  | 68.3 | 121.4 | 0.383                     | 1.0   | 0.0   | 66.1 | -35.2 | 58.9  | 68.6 | 120 | 0.325             | 1.0   | 0.0   | 62.8 | -40.6 | 54.0  | 67.6 | 127 | 0.249                      | 1.0   | 0.0   | 58.4 | -47.4 | 46.8  | 66.6 | 135 | 0.0               | 0.0 | 0.0 | 58.5 | -48.5 | 46.9  | 66.7 | 136 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 135.3      | 135.0      | 144.7      | 0.25            | 1.0   | 0.0   | 58.4 | -47.3 | 46.8  | 66.6 | 135.3 | 0.25                      | 1.0   | 0.0   | 58.4 | -47.3 | 46.9  | 66.6 | 135 | 0.253             | 1.0   | 0.0   | 58.6 | -47.0 | 47.1  | 66.7 | 135 | 0.122                      | 1.0   | 0.0   | 54.6 | -54.2 | 38.4  | 66.5 | 144 | 0.0               | 0.0 | 0.0 | 54.7 | -55.3 | 38.5  | 66.6 | 145 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 144.4      | 142.5      | 153.4      | 0.125           | 1.0   | 0.0   | 54.7 | -53.9 | 38.5  | 66.3 | 144.4 | 0.133                     | 1.0   | 0.0   | 55.0 | -53.5 | 39.2  | 66.4 | 143 | 0.159             | 1.0   | 0.0   | 55.7 | -52.3 | 40.9  | 66.4 | 142 | 0.03                       | 1.0   | 0.0   | 51.2 | -62.4 | 32.0  | 70.2 | 152 | 0.0               | 0.0 | 0.0 | 51.3 | -63.5 | 32.1  | 70.3 | 153 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 155.5      | 150.0      | 162.2      | 0.0             | 1.0   | 0.0   | 50.0 | -65.0 | 29.6  | 71.4 | 155.5 | 0.0                       | 1.0   | 0.0   | 50.1 | -64.9 | 29.6  | 71.4 | 155 | 0.062             | 1.0   | 0.0   | 52.4 | -59.6 | 34.5  | 68.9 | 150 | 0.0                        | 1.0   | 0.151 | 50.7 | -62.0 | 19.9  | 65.2 | 162 | 0.0               | 0.0 | 0.0 | 50.8 | -63.1 | 20.0  | 65.3 | 163 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 160.7      | 157.5      | 169.0      | 0.0             | 1.0   | 0.125 | 50.5 | -62.8 | 21.9  | 66.5 | 160.7 | 0.0                       | 1.0   | 0.117 | 50.5 | -62.9 | 22.4  | 66.9 | 160 | 0.0               | 1.0   | 0.035 | 50.2 | -64.4 | 27.4  | 70.0 | 157 | 0.0                        | 1.0   | 0.261 | 51.3 | -58.5 | 11.8  | 59.8 | 168 | 0.0               | 0.0 | 0.0 | 51.4 | -59.6 | 11.9  | 60.0 | 169 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 167.7      | 165.0      | 175.9      | 0.0             | 1.0   | 0.25  | 51.2 | -58.9 | 12.7  | 60.3 | 167.7 | 0.0                       | 1.0   | 0.25  | 51.2 | -58.8 | 12.7  | 60.3 | 167 | 0.0               | 1.0   | 0.2   | 51.0 | -60.5 | 16.2  | 62.8 | 165 | 0.0                        | 1.0   | 0.364 | 52.0 | -55.0 | 3.9   | 55.2 | 175 | 0.0               | 0.0 | 0.0 | 52.1 | -56.1 | 4.0   | 55.3 | 176 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 176.7      | 172.5      | 182.7      | 0.0             | 1.0   | 0.375 | 52.0 | -54.5 | 3.1   | 54.6 | 176.7 | 0.0                       | 1.0   | 0.367 | 52.0 | -54.8 | 3.7   | 55.1 | 176 | 0.0               | 1.0   | 0.309 | 51.6 | -57.0 | 8.0   | 57.7 | 172 | 0.0                        | 1.0   | 0.43  | 52.5 | -52.2 | -2.0  | 52.3 | 182 | 0.0               | 0.0 | 0.0 | 43.1 | -53.3 | -2.1  | 52.4 | 183 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 189.3      | 180.0      | 189.6      | 0.0             | 1.0   | 0.5   | 52.9 | -48.6 | -8.0  | 49.3 | 189.3 | 0.0                       | 1.0   | 0.5   | 53.0 | -48.6 | -7.9  | 49.3 | 189 | 0.0               | 1.0   | 0.407 | 52.3 | -53.2 | 0.0   | 53.3 | 180 | 0.0                        | 1.0   | 0.502 | 53.0 | -48.5 | -8.1  | 49.3 | 189 | 0.0               | 0.0 | 0.0 | 50.3 | -49.6 | -8.2  | 49.4 | 190 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 203.2      | 187.5      | 196.4      | 0.0             | 1.0   | 0.625 | 54.0 | -42.3 | -18.1 | 46.1 | 203.2 | 0.0                       | 1.0   | 0.617 | 54.0 | -42.8 | -17.5 | 46.3 | 202 | 0.0               | 1.0   | 0.477 | 52.8 | -49.9 | -6.0  | 50.3 | 187 | 0.0                        | 1.0   | 0.56  | 53.5 | -45.9 | -13.1 | 47.8 | 195 | 0.0               | 0.0 | 0.0 | 53.6 | -47.0 | -13.2 | 47.9 | 196 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 217.2      | 195.0      | 203.2      | 0.0             | 1.0   | 0.75  | 55.0 | -36.0 | -27.4 | 45.3 | 217.2 | 0.0                       | 1.0   | 0.75  | 55.0 | -35.9 | -27.3 | 45.3 | 217 | 0.0               | 1.0   | 0.551 | 53.4 | -46.3 | -12.3 | 48.0 | 195 | 0.0                        | 1.0   | 0.626 | 54.1 | -42.3 | -18.1 | 46.1 | 203 | 0.0               | 0.0 | 0.0 | 54.2 | -43.4 | -18.2 | 46.2 | 204 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 228.3      | 202.5      | 210.1      | 0.0             | 1.0   | 0.875 | 55.8 | -30.7 | -37.4 | 46.2 | 228.3 | 0.0                       | 1.0   | 0.867 | 55.8 | -31.0 | -34.0 | 46.1 | 227 | 0.0               | 1.0   | 0.614 | 54.0 | -42.9 | -17.3 | 46.4 | 202 | 0.0                        | 1.0   | 0.682 | 54.5 | -39.6 | -22.6 | 45.7 | 209 | 0.0               | 0.0 | 0.0 | 61.5 | -40.7 | -22.7 | 45.8 | 210 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 238.4      | 210.0      | 216.9      | 0.0             | 1.0   | 1.0   | 56.8 | -25.5 | -41.5 | 48.7 | 238.4 | 0.0                       | 1.0   | 1.0   | 56.8 | -25.4 | -41.4 | 48.7 | 238 | 0.0               | 1.0   | 0.685 | 54.5 | -39.5 | -22.8 | 45.7 | 210 | 0.0                        | 1.0   | 0.747 | 55.0 | -36.1 | -27.2 | 45.3 | 216 | 0.0               | 0.0 | 0.0 | 74.8 | -37.2 | -27.3 | 45.4 | 217 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 242.9      | 217.5      | 223.8      | 0.0             | 0.875 | 1.0   | 54.1 | -21.1 | -41.3 | 46.4 | 242.9 | 0.0                       | 0.883 | 1.0   | 54.3 | -21.4 | -41.3 | 46.6 | 242 | 0.0               | 1.0   | 0.747 | 55.0 | -36.1 | -27.2 | 45.3 | 217 | 0.0                        | 1.0   | 0.819 | 55.5 | -33.2 | -31.3 | 45.8 | 223 | 0.0               | 0.0 | 0.0 | 82.0 | -34.3 | -31.4 | 45.9 | 224 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 249.3      | 225.0      | 230.6      | 0.0             | 0.75  | 1.0   | 50.4 | -15.5 | -41.1 | 43.9 | 249.3 | 0.0                       | 0.75  | 1.0   | 50.4 | -15.4 | -41.0 | 44.0 | 249 | 0.0               | 1.0   | 0.837 | 55.6 | -32.4 | -32.4 | 45.9 | 225 | 0.0                        | 1.0   | 0.904 | 56.1 | -29.6 | -36.1 | 46.8 | 230 | 0.0               | 0.0 | 0.0 | 90.5 | -30.7 | -36.2 | 46.9 | 231 |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |
| 256.9      | 232.5      | 237.5      | 0.0             | 0.625 | 1.0   | 46.5 | -9.4  | -40.8 | 41.9 | 256.9 | 0.0                       | 0.633 | 1.0   | 46.8 | -9.8  | -40.8 | 42.1 | 256 | 0.0               | 1.0   | 0.92  | 56.2 | -28.9 | -37.0 | 47.1 | 232 | 0.0                        | 1.0   | 0.983 | 56.7 | -26.2 | -40.5 | 48.4 | 237 | 0                 |     |     |      |       |       |      |     |                            |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |                   |  |  |  |  |  |  |  |

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ |       |       | $h_{ab,s}$ | $rgb^*_{dd64M}$ |       |      | $LAB^*_{ddx64M} (x=LabCh)$ |       |      |       |  | $rgb^*_{dex361M}$ |  |       | $LAB^*_{dex361M}$ |       |      |       |       | $rgb^*_{dd}$ |     |  | $rgb^*_{ds}$ | $rgb^*_{de}$ |  |  |  |
|------------|-------|-------|------------|-----------------|-------|------|----------------------------|-------|------|-------|--|-------------------|--|-------|-------------------|-------|------|-------|-------|--------------|-----|--|--------------|--------------|--|--|--|
| 32.3       | 30.0  | 25.4  | 1.0        | 0.0             | 0.0   | 45.4 | 70.9                       | 44.8  | 83.9 | 32.3  |  |                   |  | 1.0   | 0.0               | 0.255 | 45.7 | 72.2  | 34.4  | 80.0         | 25  |  |              |              |  |  |  |
| 38.1       | 37.5  | 33.8  | 1.0        | 0.125           | 0.0   | 48.9 | 62.8                       | 49.4  | 79.9 | 38.1  |  |                   |  | 1.0   | 0.021             | 0.0   | 46.0 | 69.6  | 45.7  | 83.3         | 33  |  |              |              |  |  |  |
| 46.8       | 45.0  | 42.1  | 1.0        | 0.25            | 0.0   | 53.6 | 51.9                       | 55.5  | 76.0 | 46.8  |  |                   |  | 1.0   | 0.183             | 0.0   | 51.1 | 57.9  | 52.5  | 78.1         | 42  |  |              |              |  |  |  |
| 56.9       | 52.5  | 50.5  | 1.0        | 0.375           | 0.0   | 59.1 | 40.3                       | 62.0  | 74.0 | 56.9  |  |                   |  | 1.0   | 0.288             | 0.0   | 55.4 | 48.5  | 57.8  | 75.4         | 49  |  |              |              |  |  |  |
| 67.1       | 60.0  | 58.8  | 1.0        | 0.5             | 0.0   | 64.9 | 28.9                       | 68.6  | 74.5 | 67.1  |  |                   |  | 1.0   | 0.398             | 0.0   | 60.3 | 38.3  | 63.5  | 74.1         | 58  |  |              |              |  |  |  |
| 78.6       | 67.5  | 67.2  | 1.0        | 0.625           | 0.0   | 72.1 | 15.4                       | 77.1  | 78.6 | 78.6  |  |                   |  | 1.0   | 0.494             | 0.0   | 64.6 | 29.5  | 68.4  | 74.5         | 66  |  |              |              |  |  |  |
| 86.2       | 75.0  | 75.6  | 1.0        | 0.75            | 0.0   | 77.9 | 5.4                        | 83.8  | 84.0 | 86.2  |  |                   |  | 1.0   | 0.592             | 0.0   | 70.2 | 19.3  | 75.2  | 77.6         | 75  |  |              |              |  |  |  |
| 92.1       | 82.5  | 83.9  | 1.0        | 0.875           | 0.0   | 83.4 | -3.4                       | 90.2  | 90.2 | 92.1  |  |                   |  | 1.0   | 0.703             | 0.0   | 75.8 | 9.4   | 81.5  | 82.0         | 83  |  |              |              |  |  |  |
| 96.1       | 90.0  | 92.3  | 1.0        | 1.0             | 0.0   | 87.8 | -10.2                      | 95.4  | 96.0 | 96.1  |  |                   |  | 1.0   | 0.879             | 0.0   | 83.6 | -3.6  | 90.4  | 90.5         | 92  |  |              |              |  |  |  |
| 98.8       | 97.5  | 101.0 | 0.875      | 1.0             | 0.0   | 84.3 | -13.9                      | 89.2  | 90.3 | 98.8  |  |                   |  | 0.807 | 1.0               | 0.0   | 82.4 | -15.8 | 86.2  | 87.7         | 100 |  |              |              |  |  |  |
| 101.8      | 105.0 | 109.7 | 0.75       | 1.0             | 0.0   | 80.7 | -17.5                      | 83.5  | 85.3 | 101.8 |  |                   |  | 0.583 | 1.0               | 0.0   | 73.7 | -26.1 | 72.7  | 77.3         | 109 |  |              |              |  |  |  |
| 107.6      | 112.5 | 118.5 | 0.625      | 1.0             | 0.0   | 75.3 | -24.0                      | 75.7  | 79.4 | 107.6 |  |                   |  | 0.434 | 1.0               | 0.0   | 68.0 | -32.9 | 62.2  | 70.5         | 117 |  |              |              |  |  |  |
| 114.0      | 120.0 | 127.2 | 0.5        | 1.0             | 0.0   | 70.6 | -29.7                      | 66.5  | 72.8 | 114.0 |  |                   |  | 0.322 | 1.0               | 0.0   | 62.6 | -40.8 | 53.8  | 67.6         | 127 |  |              |              |  |  |  |
| 121.4      | 127.5 | 136.0 | 0.375      | 1.0             | 0.0   | 65.7 | -35.6                      | 58.3  | 68.3 | 121.4 |  |                   |  | 0.249 | 1.0               | 0.0   | 58.4 | -47.4 | 46.8  | 66.6         | 135 |  |              |              |  |  |  |
| 135.3      | 135.0 | 144.7 | 0.25       | 1.0             | 0.0   | 58.4 | -47.3                      | 46.8  | 66.6 | 135.3 |  |                   |  | 0.122 | 1.0               | 0.0   | 54.6 | -54.2 | 38.4  | 66.5         | 144 |  |              |              |  |  |  |
| 144.4      | 142.5 | 153.4 | 0.125      | 1.0             | 0.0   | 54.7 | -53.9                      | 38.5  | 66.3 | 144.4 |  |                   |  | 0.03  | 1.0               | 0.0   | 51.2 | -62.4 | 32.0  | 70.2         | 152 |  |              |              |  |  |  |
| 155.5      | 150.0 | 162.2 | 0.0        | 1.0             | 0.0   | 50.0 | -65.0                      | 29.6  | 71.4 | 155.5 |  |                   |  | 0.0   | 1.0               | 0.151 | 50.7 | -62.0 | 19.9  | 65.2         | 162 |  |              |              |  |  |  |
| 160.7      | 157.5 | 169.0 | 0.0        | 1.0             | 0.125 | 50.5 | -62.8                      | 21.9  | 66.5 | 160.7 |  |                   |  | 0.0   | 1.0               | 0.261 | 51.3 | -58.5 | 11.8  | 59.8         | 168 |  |              |              |  |  |  |
| 167.7      | 165.0 | 175.9 | 0.0        | 1.0             | 0.25  | 51.2 | -58.9                      | 12.7  | 60.3 | 167.7 |  |                   |  | 0.0   | 1.0               | 0.364 | 52.0 | -55.0 | 3.9   | 55.2         | 175 |  |              |              |  |  |  |
| 176.7      | 172.5 | 182.7 | 0.0        | 1.0             | 0.375 | 52.0 | -54.5                      | 3.1   | 54.6 | 176.7 |  |                   |  | 0.0   | 1.0               | 0.43  | 52.5 | -52.2 | -2.0  | 52.3         | 182 |  |              |              |  |  |  |
| 189.3      | 180.0 | 189.6 | 0.0        | 1.0             | 0.5   | 52.9 | -48.6                      | -8.0  | 49.3 | 189.3 |  |                   |  | 0.0   | 1.0               | 0.502 | 53.0 | -48.5 | -8.1  | 49.3         | 189 |  |              |              |  |  |  |
| 203.2      | 187.5 | 196.4 | 0.0        | 1.0             | 0.625 | 54.0 | -42.3                      | -18.1 | 46.1 | 203.2 |  |                   |  | 0.0   | 1.0               | 0.56  | 53.5 | -45.9 | -13.1 | 47.8         | 195 |  |              |              |  |  |  |
| 217.2      | 195.0 | 203.2 | 0.0        | 1.0             | 0.75  | 55.0 | -36.0                      | -27.4 | 45.3 | 217.2 |  |                   |  | 0.0   | 1.0               | 0.626 | 54.1 | -42.3 | -18.1 | 46.1         | 203 |  |              |              |  |  |  |
| 228.3      | 202.5 | 210.1 | 0.0        | 1.0             | 0.875 | 55.8 | -30.7                      | -34.5 | 46.2 | 228.3 |  |                   |  | 0.0   | 1.0               | 0.682 | 54.5 | -39.6 | -22.6 | 45.7         | 209 |  |              |              |  |  |  |
| 238.4      | 210.0 | 216.9 | 0.0        | 1.0             | 1.0   | 56.8 | -25.5                      | -41.5 | 48.7 | 238.4 |  |                   |  | 0.0   | 1.0               | 0.747 | 55.0 | -36.1 | -27.2 | 45.3         | 216 |  |              |              |  |  |  |
| 242.9      | 217.5 | 223.8 | 0.0        | 0.875           | 1.0   | 54.1 | -21.1                      | -41.3 | 46.4 | 242.9 |  |                   |  | 0.0   | 1.0               | 0.819 | 55.5 | -33.2 | -31.3 | 45.8         | 223 |  |              |              |  |  |  |
| 249.3      | 225.0 | 230.6 | 0.0        | 0.75            | 1.0   | 50.4 | -15.5                      | -41.1 | 43.9 | 249.3 |  |                   |  | 0.0   | 1.0               | 0.904 | 56.1 | -29.6 | -36.1 | 46.8         | 230 |  |              |              |  |  |  |
| 256.9      | 232.5 | 237.5 | 0.0        | 0.625           | 1.0   | 46.5 | -9.4                       | -40.8 | 41.9 | 256.9 |  |                   |  | 0.0   | 1.0               | 0.983 | 56.7 | -26.2 | -40.5 | 48.4         | 237 |  |              |              |  |  |  |
| 268.2      | 240.0 | 244.3 | 0.0        | 0.5             | 1.0   | 41.7 | -1.2                       | -40.6 | 40.6 | 268.2 |  |                   |  | 0.0   | 0.847             | 1.0   | 53.3 | -19.8 | -41.3 | 45.9         | 244 |  |              |              |  |  |  |
| 278.6      | 247.5 | 251.2 | 0.0        | 0.375           | 1.0   | 37.3 | 6.1                        | -40.2 | 40.7 | 278.6 |  |                   |  | 0.0   | 0.726             | 1.0   | 49.7 | -14.3 | -41.1 | 43.6         | 250 |  |              |              |  |  |  |
| 289.6      | 255.0 | 258.0 | 0.0        | 0.25            | 1.0   | 32.8 | 14.3                       | -40.2 | 42.7 | 289.6 |  |                   |  | 0.0   | 0.613             | 1.0   | 46.1 | -8.6  | -40.8 | 41.9         | 258 |  |              |              |  |  |  |
| 299.0      | 262.5 | 264.8 | 0.0        | 0.125           | 1.0   | 28.6 | 22.4                       | -40.2 | 46.1 | 299.0 |  |                   |  | 0.0   | 0.542             | 1.0   | 43.4 | -3.9  | -40.8 | 41.1         | 264 |  |              |              |  |  |  |
| 306.2      | 270.0 | 271.7 | 0.0        | 0.0             | 1.0   | 25.0 | 29.5                       | -40.4 | 50.0 | 306.2 |  |                   |  | 0.0   | 0.458             | 1.0   | 40.3 | 1.2   | -40.6 | 40.7         | 271 |  |              |              |  |  |  |
| 314.7      | 277.5 | 278.8 | 0.125      | 0.0             | 1.0   | 27.9 | 36.0                       | -36.4 | 51.2 | 314.7 |  |                   |  | 0.0   | 0.378             | 1.0   | 37.5 | 5.9   | -40.2 | 40.7         | 278 |  |              |              |  |  |  |
| 322.1      | 285.0 | 285.9 | 0.25       | 0.0             | 1.0   | 28.8 | 41.9                       | -32.5 | 53.1 | 322.1 |  |                   |  | 0.0   | 0.292             | 1.0   | 34.4 | 11.6  | -40.3 | 42.0         | 285 |  |              |              |  |  |  |
| 333.3      | 292.5 | 293.0 | 0.375      | 0.0             | 1.0   | 32.7 | 51.8                       | -26.0 | 58.0 | 333.3 |  |                   |  | 0.0   | 0.211             | 1.0   | 31.5 | 16.8  | -40.3 | 43.8         | 292 |  |              |              |  |  |  |
| 340.5      | 300.0 | 300.1 | 0.5        | 0.0             | 1.0   | 35.6 | 58.6                       | -20.7 | 62.1 | 340.5 |  |                   |  | 0.0   | 0.106             | 1.0   | 28.1 | 23.5  | -40.3 | 46.7         | 300 |  |              |              |  |  |  |
| 347.9      | 307.5 | 307.2 | 0.625      | 0.0             | 1.0   | 38.1 | 65.4                       | -14.0 | 66.9 | 347.9 |  |                   |  | 0.009 | 0.0               | 1.0   | 25.3 | 30.1  | -40.1 | 50.2         | 306 |  |              |              |  |  |  |
| 352.5      | 315.0 | 314.3 | 0.75       | 0.0             | 1.0   | 41.8 | 71.0                       | -9.2  | 71.6 | 352.5 |  |                   |  | 0.12  | 0.0               | 1.0   | 27.8 | 35.8  | -36.5 | 51.2         | 314 |  |              |              |  |  |  |
| 356.1      | 322.5 | 321.4 | 0.875      | 0.0             | 1.0   | 44.2 | 75.2                       | -5.0  | 75.3 | 356.1 |  |                   |  | 0.231 | 0.0               | 1.0   | 28.7 | 41.1  | -33.2 | 52.9         | 321 |  |              |              |  |  |  |
| 359.8      | 330.0 | 328.6 | 1.0        | 0.0             | 1.0   | 46.1 | 79.3                       | -0.2  | 79.3 | 359.8 |  |                   |  | 0.322 | 0.0               | 1.0   | 31.1 | 47.8  | -29.1 | 56.0         | 328 |  |              |              |  |  |  |
| 363.0      | 337.5 | 335.7 | 1.0        | 0.0             | 0.875 | 45.9 | 78.2                       | 4.1   | 78.3 | 363.0 |  |                   |  | 0.408 | 0.0               | 1.0   | 33.5 | 53.7  | -24.7 | 59.1         | 335 |  |              |              |  |  |  |
| 366.4      | 345.0 | 342.8 | 1.0        | 0.0             | 0.75  | 45.9 | 77.1                       | 8.6   | 77.6 | 366.4 |  |                   |  | 0.539 | 0.0               | 1.0   | 36.4 | 60.8  | -18.7 | 63.7         | 342 |  |              |              |  |  |  |
| 371.1      | 352.5 | 349.9 | 1.0        | 0.0             | 0.625 | 46.0 | 75.6                       | 14.8  | 77.0 | 371.1 |  |                   |  | 0.667 | 0.0               | 1.0   | 39.3 | 67.4  | -12.4 | 68.5         | 349 |  |              |              |  |  |  |
| 375.9      | 360.0 | 357.0 | 1.0        | 0.0             | 0.5   | 45.9 | 74.2                       | 21.1  | 77.1 | 375.9 |  |                   |  | 0.736 | 0.0               | 1.0   | 41.4 | 70.5  | -9.7  | 71.1         | 352 |  |              |              |  |  |  |
| 381.2      | 367.5 | 364.1 | 1.0        | 0.0             | 0.375 | 45.8 | 72.9                       | 28.3  | 78.3 | 381.2 |  |                   |  | 0.810 | 0.0               | 1.0   | 46.1 | 79.3  | -0.1  | 79.3         | 359 |  |              |              |  |  |  |
| 385.6      | 375.0 | 371.2 | 1.0        | 0.0             | 0.25  | 45.6 | 72.1                       | 34.6  | 80.0 | 385.6 |  |                   |  | 0.9   | 0.0               | 0.687 | 46.0 | 76.5  | 11.8  | 77.4         | 368 |  |              |              |  |  |  |
| 389.3      | 382.5 | 378.3 | 1.0        | 0.0             | 0.125 | 45.5 | 71.4                       | 40.1  | 81.9 | 389.3 |  |                   |  | 0.91  | 0.0               | 0.485 | 45.9 | 74.1  | 22.0  | 77.3         | 376 |  |              |              |  |  |  |
| 392.3      | 390.0 | 385.4 | 1.0        | 0.0             | 0.0   | 45.4 | 70.9                       | 44.8  | 83.9 | 392.3 |  |                   |  | 1.0   | 0.0               | 0.255 | 45.7 | 72.2  | 34.4  | 80.0         | 385 |  |              |              |  |  |  |

2-103831-L0

RS370-72

LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

salida: Offset standard print; separation cmy0\*, D65, página 9/33

gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$   
círculo de tono, 48 pasos;  $rgb-LabCh^*$ mesas

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$

salida: 3D-linealización a  $cmy0^*_{dd}$

2-103831-F0

TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

| Six hue angles of the device colours RY <sub>g</sub> CBM <sub>d</sub> : $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours RY <sub>g</sub> CBM <sub>e</sub> : $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$ |            |            |                  |                             |                                      |                              |                                      |                   |                              |                   |                        |              |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------------|-----------------------------|--------------------------------------|------------------------------|--------------------------------------|-------------------|------------------------------|-------------------|------------------------|--------------|--|--|--|--|--|--|--|--|--|--|--|
| $h_{ab,d}$                                                                                                                                                                                                                                                    | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{dd361Mi}$ (x=LabCh) | $rgb^*_{ds361Mi}$                    | $LAB^*_{dsx361Mi}$ (x=LabCh) | $rgb^*_{dd361Mi}$                    | $rgb^*_{de361Mi}$ | $LAB^*_{dex361Mi}$ (x=LabCh) | $rgb^*_{dd361Mi}$ | $rgb^*_{ds}$           | $rgb^*_{de}$ |  |  |  |  |  |  |  |  |  |  |  |
| 32                                                                                                                                                                                                                                                            | 30         | 25         | 1.0 0.0 0.0      | 45.4 70.9 44.8 83.9 32      | 1.0 0.0 0.096 45.5 71.4 41.2 82.4 30 | 1.0 0.0 0.017 0.0            | 1.0 0.0 0.255 45.7 72.2 34.4 80.0 25 | 1.0 0.0 0.0       | 45.4 70.9 44.8 83.9 32       | 1.0 0.0 0.0       | 45.4 70.9 44.8 83.9 32 |              |  |  |  |  |  |  |  |  |  |  |  |
| 33                                                                                                                                                                                                                                                            | 31         | 26         | 1.0 0.016 0.0    | 45.9 69.8 45.5 83.4 33      | 1.0 0.0 0.055 45.5 71.2 42.8 83.1 31 | 1.0 0.0 0.017 0.0            | 1.0 0.0 0.218 45.6 72.0 36.1 80.6 26 | 1.0 0.0 0.0       | 45.9 69.8 45.5 83.4 33       | 1.0 0.0 0.0       | 45.9 69.8 45.5 83.4 33 |              |  |  |  |  |  |  |  |  |  |  |  |
| 33                                                                                                                                                                                                                                                            | 32         | 27         | 1.0 0.033 0.0    | 46.3 68.8 46.1 82.8 33      | 1.0 0.0 0.013 45.5 71.0 44.4 83.7 32 | 1.0 0.0 0.033 0.0            | 1.0 0.0 0.18 45.6 71.8 37.7 81.1 27  | 1.0 0.0 0.033 0.0 | 46.3 68.8 46.1 82.8 33       | 1.0 0.0 0.033 0.0 | 46.3 68.8 46.1 82.8 33 |              |  |  |  |  |  |  |  |  |  |  |  |
| 34                                                                                                                                                                                                                                                            | 33         | 28         | 1.0 0.05 0.0     | 46.8 67.7 46.8 82.3 34      | 1.0 0.015 0.0 45.9 70.0 45.5 83.5 33 | 1.0 0.05 0.0                 | 1.0 0.0 0.142 45.6 71.6 39.4 81.7 28 | 1.0 0.05 0.0      | 46.8 67.7 46.8 82.3 34       | 1.0 0.05 0.0      | 46.8 67.7 46.8 82.3 34 |              |  |  |  |  |  |  |  |  |  |  |  |
| 35                                                                                                                                                                                                                                                            | 34         | 29         | 1.0 0.066 0.0    | 47.3 66.6 47.4 81.8 35      | 1.0 0.036 0.0 46.5 68.6 46.3 82.8 34 | 1.0 0.067 0.0                | 1.0 0.0 0.099 45.5 71.4 41.1 82.4 29 | 1.0 0.067 0.0     | 47.3 66.6 47.4 81.8 35       | 1.0 0.067 0.0     | 47.3 66.6 47.4 81.8 35 |              |  |  |  |  |  |  |  |  |  |  |  |
| 36                                                                                                                                                                                                                                                            | 35         | 31         | 1.0 0.083 0.0    | 47.7 65.5 48.0 81.2 36      | 1.0 0.057 0.0 47.1 67.3 47.1 82.1 35 | 1.0 0.083 0.0                | 1.0 0.0 0.053 45.5 71.2 42.9 83.1 31 | 1.0 0.083 0.0     | 47.7 65.5 48.0 81.2 36       | 1.0 0.083 0.0     | 47.7 65.5 48.0 81.2 36 |              |  |  |  |  |  |  |  |  |  |  |  |
| 36                                                                                                                                                                                                                                                            | 36         | 32         | 1.0 0.1 0.0      | 48.2 64.4 48.5 80.7 36      | 1.0 0.079 0.0 47.6 65.9 47.9 81.4 36 | 1.0 0.1 0.0                  | 1.0 0.0 0.006 45.5 71.0 44.6 83.8 32 | 1.0 0.1 0.0       | 48.2 64.4 48.5 80.7 36       | 1.0 0.1 0.0       | 48.2 64.4 48.5 80.7 36 |              |  |  |  |  |  |  |  |  |  |  |  |
| 37                                                                                                                                                                                                                                                            | 37         | 33         | 1.0 0.116 0.0    | 48.6 63.3 49.1 80.2 37      | 1.0 0.1 0.0 48.2 64.5 48.6 80.7 37   | 1.0 0.117 0.0                | 1.0 0.021 0.0 46.0 69.6 45.7 83.3 33 | 1.0 0.117 0.0     | 48.6 63.3 49.1 80.2 37       | 1.0 0.117 0.0     | 48.6 63.3 49.1 80.2 37 |              |  |  |  |  |  |  |  |  |  |  |  |
| 38                                                                                                                                                                                                                                                            | 38         | 34         | 1.0 0.133 0.0    | 49.2 62.1 49.8 79.6 38      | 1.0 0.121 0.0 48.8 63.1 49.3 80.1 38 | 1.0 0.133 0.0                | 1.0 0.044 0.0 46.7 68.1 46.6 82.5 34 | 1.0 0.133 0.0     | 49.2 62.1 49.8 79.6 38       | 1.0 0.133 0.0     | 49.2 62.1 49.8 79.6 38 |              |  |  |  |  |  |  |  |  |  |  |  |
| 39                                                                                                                                                                                                                                                            | 39         | 35         | 1.0 0.15 0.0     | 49.8 60.7 50.7 79.1 39      | 1.0 0.137 0.0 49.4 61.8 50.1 79.6 39 | 1.0 0.15 0.0                 | 1.0 0.068 0.0 47.4 66.6 47.5 81.8 35 | 1.0 0.15 0.0      | 49.8 60.7 50.7 79.1 39       | 1.0 0.15 0.0      | 49.8 60.7 50.7 79.1 39 |              |  |  |  |  |  |  |  |  |  |  |  |
| 41                                                                                                                                                                                                                                                            | 40         | 36         | 1.0 0.166 0.0    | 50.5 59.2 51.6 78.6 41      | 1.0 0.151 0.0 49.9 60.6 50.9 79.1 40 | 1.0 0.167 0.0                | 1.0 0.092 0.0 48.0 65.0 48.3 81.0 36 | 1.0 0.167 0.0     | 50.5 59.2 51.6 78.6 41       | 1.0 0.167 0.0     | 50.5 59.2 51.6 78.6 41 |              |  |  |  |  |  |  |  |  |  |  |  |
| 42                                                                                                                                                                                                                                                            | 41         | 37         | 1.0 0.183 0.0    | 51.1 57.8 52.5 78.1 42      | 1.0 0.166 0.0 50.5 59.4 51.6 78.7 41 | 1.0 0.183 0.0                | 1.0 0.116 0.0 48.7 63.5 49.1 80.2 37 | 1.0 0.183 0.0     | 51.1 57.8 52.5 78.1 42       | 1.0 0.183 0.0     | 51.1 57.8 52.5 78.1 42 |              |  |  |  |  |  |  |  |  |  |  |  |
| 43                                                                                                                                                                                                                                                            | 42         | 38         | 1.0 0.2 0.0      | 51.7 56.3 53.3 77.5 43      | 1.0 0.18 0.0 51.0 58.1 52.3 78.2 42  | 1.0 0.2 0.0                  | 1.0 0.135 0.0 49.3 62.0 49.9 79.6 38 | 1.0 0.2 0.0       | 51.7 56.3 53.3 77.5 43       | 1.0 0.2 0.0       | 51.7 56.3 53.3 77.5 43 |              |  |  |  |  |  |  |  |  |  |  |  |
| 44                                                                                                                                                                                                                                                            | 43         | 39         | 1.0 0.216 0.0    | 52.4 54.9 54.0 77.0 44      | 1.0 0.194 0.0 51.6 56.9 53.0 77.8 43 | 1.0 0.217 0.0                | 1.0 0.151 0.0 49.9 60.7 50.8 79.1 39 | 1.0 0.217 0.0     | 52.4 54.9 54.0 77.0 44       | 1.0 0.217 0.0     | 52.4 54.9 54.0 77.0 44 |              |  |  |  |  |  |  |  |  |  |  |  |
| 45                                                                                                                                                                                                                                                            | 44         | 41         | 1.0 0.233 0.0    | 53.0 53.4 54.8 76.5 45      | 1.0 0.209 0.0 52.1 55.6 53.7 77.3 44 | 1.0 0.233 0.0                | 1.0 0.167 0.0 50.5 59.3 51.7 78.6 41 | 1.0 0.233 0.0     | 53.0 53.4 54.8 76.5 45       | 1.0 0.233 0.0     | 53.0 53.4 54.8 76.5 45 |              |  |  |  |  |  |  |  |  |  |  |  |
| 46                                                                                                                                                                                                                                                            | 45         | 42         | 1.0 0.25 0.0     | 53.6 51.9 55.5 76.0 46      | 1.0 0.223 0.0 52.7 54.4 54.4 76.9 45 | 1.0 0.25 0.0                 | 1.0 0.183 0.0 51.1 57.9 52.5 78.1 42 | 1.0 0.25 0.0      | 53.6 51.9 55.5 76.0 46       | 1.0 0.25 0.0      | 53.6 51.9 55.5 76.0 46 |              |  |  |  |  |  |  |  |  |  |  |  |
| 48                                                                                                                                                                                                                                                            | 46         | 43         | 1.0 0.266 0.0    | 54.4 50.4 56.5 75.7 48      | 1.0 0.237 0.0 53.2 53.1 55.0 76.4 46 | 1.0 0.267 0.0                | 1.0 0.198 0.0 51.7 56.5 53.2 77.6 43 | 1.0 0.267 0.0     | 54.4 50.4 56.5 75.7 48       | 1.0 0.267 0.0     | 54.4 50.4 56.5 75.7 48 |              |  |  |  |  |  |  |  |  |  |  |  |
| 49                                                                                                                                                                                                                                                            | 47         | 44         | 1.0 0.283 0.0    | 55.1 48.9 57.4 75.4 49      | 1.0 0.251 0.0 53.7 51.8 55.6 76.0 47 | 1.0 0.283 0.0                | 1.0 0.214 0.0 52.3 55.1 54.0 77.1 44 | 1.0 0.283 0.0     | 55.1 48.9 57.4 75.4 49       | 1.0 0.283 0.0     | 55.1 48.9 57.4 75.4 49 |              |  |  |  |  |  |  |  |  |  |  |  |
| 50                                                                                                                                                                                                                                                            | 48         | 45         | 1.0 0.3 0.0      | 55.8 47.4 58.4 75.2 50      | 1.0 0.264 0.0 54.3 50.7 56.3 75.8 48 | 1.0 0.3 0.0                  | 1.0 0.23 0.0 52.9 53.7 54.7 76.6 45  | 1.0 0.3 0.0       | 55.8 47.4 58.4 75.2 50       | 1.0 0.3 0.0       | 55.8 47.4 58.4 75.2 50 |              |  |  |  |  |  |  |  |  |  |  |  |
| 52                                                                                                                                                                                                                                                            | 49         | 46         | 1.0 0.316 0.0    | 56.6 45.8 59.2 74.9 52      | 1.0 0.276 0.0 54.8 49.6 57.1 75.6 49 | 1.0 0.317 0.0                | 1.0 0.246 0.0 53.5 52.3 55.4 76.1 46 | 1.0 0.317 0.0     | 56.6 45.8 59.2 74.9 52       | 1.0 0.317 0.0     | 56.6 45.8 59.2 74.9 52 |              |  |  |  |  |  |  |  |  |  |  |  |
| 53                                                                                                                                                                                                                                                            | 50         | 47         | 1.0 0.333 0.0    | 57.3 44.2 60.1 74.6 53      | 1.0 0.288 0.0 55.4 48.5 57.8 75.4 50 | 1.0 0.333 0.0                | 1.0 0.261 0.0 54.2 51.0 56.2 75.9 47 | 1.0 0.333 0.0     | 57.3 44.2 60.1 74.6 53       | 1.0 0.333 0.0     | 57.3 44.2 60.1 74.6 53 |              |  |  |  |  |  |  |  |  |  |  |  |
| 54                                                                                                                                                                                                                                                            | 51         | 48         | 1.0 0.35 0.0     | 58.0 42.7 60.9 74.4 54      | 1.0 0.301 0.0 55.9 47.3 58.5 75.2 51 | 1.0 0.35 0.0                 | 1.0 0.274 0.0 54.8 49.8 57.0 75.6 48 | 1.0 0.35 0.0      | 58.0 42.7 60.9 74.4 54       | 1.0 0.35 0.0      | 58.0 42.7 60.9 74.4 54 |              |  |  |  |  |  |  |  |  |  |  |  |
| 56                                                                                                                                                                                                                                                            | 52         | 49         | 1.0 0.366 0.0    | 58.8 41.1 61.7 74.1 56      | 1.0 0.313 0.0 56.5 46.2 59.1 75.0 52 | 1.0 0.367 0.0                | 1.0 0.288 0.0 55.4 48.5 57.8 75.4 49 | 1.0 0.367 0.0     | 58.8 41.1 61.7 74.1 56       | 1.0 0.367 0.0     | 58.8 41.1 61.7 74.1 56 |              |  |  |  |  |  |  |  |  |  |  |  |
| 57                                                                                                                                                                                                                                                            | 53         | 51         | 1.0 0.383 0.0    | 59.5 39.5 62.5 74.0 57      | 1.0 0.326 0.0 57.0 45.0 59.8 74.8 53 | 1.0 0.383 0.0                | 1.0 0.302 0.0 56.0 47.2 58.5 75.2 51 | 1.0 0.383 0.0     | 59.5 39.5 62.5 74.0 57       | 1.0 0.383 0.0     | 59.5 39.5 62.5 74.0 57 |              |  |  |  |  |  |  |  |  |  |  |  |
| 59                                                                                                                                                                                                                                                            | 54         | 52         | 1.0 0.4 0.0      | 60.3 38.1 63.5 74.1 59      | 1.0 0.338 0.0 57.6 43.9 60.4 74.6 54 | 1.0 0.4 0.0                  | 1.0 0.316 0.0 56.6 45.9 59.3 75.0 52 | 1.0 0.4 0.0       | 60.3 38.1 63.5 74.1 59       | 1.0 0.4 0.0       | 60.3 38.1 63.5 74.1 59 |              |  |  |  |  |  |  |  |  |  |  |  |
| 60                                                                                                                                                                                                                                                            | 55         | 53         | 1.0 0.416 0.0    | 61.0 36.6 64.5 74.1 60      | 1.0 0.35 0.0 58.1 42.7 61.0 74.4 55  | 1.0 0.417 0.0                | 1.0 0.33 0.0 57.2 44.6 60.0 74.8 53  | 1.0 0.417 0.0     | 61.0 36.6 64.5 74.1 60       | 1.0 0.417 0.0     | 61.0 36.6 64.5 74.1 60 |              |  |  |  |  |  |  |  |  |  |  |  |
| 61                                                                                                                                                                                                                                                            | 56         | 54         | 1.0 0.433 0.0    | 61.8 35.1 65.4 74.2 61      | 1.0 0.363 0.0 58.6 41.5 61.5 74.2 56 | 1.0 0.433 0.0                | 1.0 0.343 0.0 57.8 43.3 60.6 74.5 54 | 1.0 0.433 0.0     | 61.8 35.1 65.4 74.2 61       | 1.0 0.433 0.0     | 61.8 35.1 65.4 74.2 61 |              |  |  |  |  |  |  |  |  |  |  |  |
| 63                                                                                                                                                                                                                                                            | 57         | 55         | 1.0 0.45 0.0     | 62.6 33.6 66.2 74.3 63      | 1.0 0.375 0.0 59.2 40.3 62.1 74.0 57 | 1.0 0.45 0.0                 | 1.0 0.357 0.0 58.4 42.0 61.3 74.3 55 | 1.0 0.45 0.0      | 62.6 33.6 66.2 74.3 63       | 1.0 0.45 0.0      | 62.6 33.6 66.2 74.3 63 |              |  |  |  |  |  |  |  |  |  |  |  |
| 64                                                                                                                                                                                                                                                            | 58         | 56         | 1.0 0.466 0.0    | 63.3 32.0 67.1 74.4 64      | 1.0 0.387 0.0 59.8 39.3 62.8 74.1 58 | 1.0 0.467 0.0                | 1.0 0.371 0.0 59.0 40.7 61.9 74.1 56 | 1.0 0.467 0.0     | 63.3 32.0 67.1 74.4 64       | 1.0 0.467 0.0     | 63.3 32.0 67.1 74.4 64 |              |  |  |  |  |  |  |  |  |  |  |  |
| 65                                                                                                                                                                                                                                                            | 59         | 57         | 1.0 0.483 0.0    | 64.1 30.5 67.9 74.4 65      | 1.0 0.4 0.0 60.3 38.2 63.5 74.1 59   | 1.0 0.483 0.0                | 1.0 0.385 0.0 59.6 39.5 62.7 74.1 57 | 1.0 0.483 0.0     | 64.1 30.5 67.9 74.4 65       | 1.0 0.483 0.0     | 64.1 30.5 67.9 74.4 65 |              |  |  |  |  |  |  |  |  |  |  |  |
| 67                                                                                                                                                                                                                                                            | 60         | 58         | 1.0 0.5 0.0      | 64.9 28.9 68.6 74.5 67      | 1.0 0.412 0.0 60.9 37.1 64.2 74.2 60 | 1.0 0.5 0.0                  | 1.0 0.398 0.0 60.3 38.3 63.5 74.1 58 | 1.0 0.5 0.0       | 64.9 28.9 68.6 74.5 67       | 1.0 0.5 0.0       | 64.9 28.9 68.6 74.5 67 |              |  |  |  |  |  |  |  |  |  |  |  |
| 68                                                                                                                                                                                                                                                            | 61         | 60         | 1.0 0.516 0.0    | 65.8 27.2 69.9 75.0 68      | 1.0 0.424 0.0 61.4 36.0 64.9 74.2 61 | 1.0 0.517 0.0                | 1.0 0.412 0.0 60.9 37.1 64.2 74.2 60 | 1.0 0.517 0.0     | 65.8 27.2 69.9 75.0 68       | 1.0 0.517 0.0     | 65.8 27.2 69.9 75.0 68 |              |  |  |  |  |  |  |  |  |  |  |  |
| 70                                                                                                                                                                                                                                                            | 62         | 61         | 1.0 0.533 0.0    | 66.8 25.5 71.1 75.6 70      | 1.0 0.436 0.0 62.0 34.9 65.6 74.3 62 | 1.0 0.533 0.0                | 1.0 0.426 0.0 61.5 35.8 65.0 74.2 61 | 1.0 0.533 0.0     | 66.8 25.5 71.1 75.6 70       | 1.0 0.533 0.0     | 66.8 25.5 71.1 75.6 70 |              |  |  |  |  |  |  |  |  |  |  |  |
| 71                                                                                                                                                                                                                                                            | 63         | 62         | 1.0 0.55 0.0     | 67.7 23.8 72.3 76.1 71      | 1.0 0.449 0.0 62.6 33.7 66.2 74.3 63 | 1.0 0.55 0.0                 | 1.0 0.439 0.0 62.1 34.6 65.7 74.3 62 | 1.0 0.55 0.0      | 67.7 23.8 72.3 76.1 71       | 1.0 0.55 0.0      | 67.7 23.8 72.3 76.1 71 |              |  |  |  |  |  |  |  |  |  |  |  |
| 73                                                                                                                                                                                                                                                            | 64         | 63         | 1.0 0.566 0.0    | 68.7 22.0 73.5 76.7 73      | 1.0 0.461 0.0 63.1 32.6 66.9 74.4 64 | 1.0 0.567 0.0                | 1.0 0.453 0.0 62.8 33.3 66.4 74.3 63 | 1.0 0.567 0.0     | 68.7 22.0 73.5 76.7 73       | 1.0 0.567 0.0     | 68.7 22.0 73.5 76.7 73 |              |  |  |  |  |  |  |  |  |  |  |  |
| 74                                                                                                                                                                                                                                                            | 65         | 64         | 1.0 0.583 0.0    | 69.7 20.2 74.6 77.3 74      | 1.0 0.473 0.0 63.7 31.5 67.5 74.4 65 | 1.0 0.583 0.0                | 1.0 0.467 0.0 63.4 32.1 67.1 74.4 64 | 1.0 0.583 0.0     | 69.7 20.2 74.6 77.3 74       | 1.0 0.583 0.0     | 69.7 20.2 74.6 77.3 74 |              |  |  |  |  |  |  |  |  |  |  |  |
| 76                                                                                                                                                                                                                                                            | 66         | 65         | 1.0 0.6 0.0      | 70.6 18.3 75.6 77.8 76      | 1.0 0.486 0.0 64.2 30.3 68.0 74.5 66 | 1.0 0.6 0.0                  | 1.0 0.48 0.0 64.0 30.8 67.8 74.5 65  | 1.0 0.6 0.0       | 70.6 18.3 75.6 77.8 76       | 1.0 0.6 0.0       | 70.6 18.3 75.6 77.8 76 |              |  |  |  |  |  |  |  |  |  |  |  |
| 77                                                                                                                                                                                                                                                            | 67         | 66         | 1.0 0.616 0.0    | 71.6 16.4 76.6 78.4 77      | 1.0 0.498 0.0 64.8 29.1 68.6 74.5 67 | 1.0 0.617 0.0                | 1.0 0.494 0.0 64.6 29.5 68.4 74.5 66 | 1.0 0.617 0.0     | 71.6 16.4 76.6 78.4 77       | 1.0 0.617 0.0     | 71.6 16.4 76.6 78.4 77 |              |  |  |  |  |  |  |  |  |  |  |  |
| 79                                                                                                                                                                                                                                                            | 68         | 67         | 1.0 0.633 0.0    | 72.5 14.8 77.6 79.0 79      | 1.0 0.509 0.0 65.4 28.0 69.4 74.8 68 | 1.0 0.633 0.0                | 1.0 0.507 0.0 65.3 28.2 69.2 74.8 67 | 1.0 0.633 0.0     | 72.5 14.8 77.6 79.0 79       | 1.0 0.633 0.0     | 72.5 14.8 77.6 79.0 79 |              |  |  |  |  |  |  |  |  |  |  |  |
| 80                                                                                                                                                                                                                                                            | 69         | 68         | 1.0 0.65 0.0     | 73.2 13.6 78.5 79.7 80      | 1.0 0.52 0.0 66.1 26.9 70.2 75.2 69  | 1.0 0.65 0.0                 | 1.0 0.519 0.0 66.0 27.0 70.1 75.2 68 | 1.0 0.65 0.0      | 73.2 13.6 78.5 79.7 80       | 1.0 0.65 0.0      | 73.2 13.6 78.5 79.7 80 |              |  |  |  |  |  |  |  |  |  |  |  |
| 81                                                                                                                                                                                                                                                            | 70         | 70         | 1.0 0.666 0.0    | 74.0 12.3 79.5 80.4 81      | 1.0 0.531 0.0 66.7 25.8 71.0 75.6 70 | 1.0 0.667 0.0                | 1.0 0.531 0.0 66.7 25.8 71.0 75.6 70 | 1.0 0.667 0.0     | 74.0 12.3 79.5 80.4 81       | 1.0 0.667 0.0     | 74.0 12.3 79.5 80.4 81 |              |  |  |  |  |  |  |  |  |  |  |  |
| 82                                                                                                                                                                                                                                                            | 71         | 71         | 1.0 0.683 0.0    | 74.8 11.0 80.4 81.1 82      | 1.0 0.542 0.0 67.3 24.7 71.8 75.9 71 | 1.0 0.683 0.0                | 1.0 0.543 0.0 67.4 24.6 71.9 76.0 71 | 1.0 0.683 0.0     | 74.8 11.0 80.4 81.1 82       | 1.0 0.683 0.0     | 74.8 11.0 80.4 81.1 82 |              |  |  |  |  |  |  |  |  |  |  |  |
| 83                                                                                                                                                                                                                                                            | 72         | 72         | 1.0 0.7 0.0      | 75.6 9.6 81.3 81.9 83       | 1.0 0.553 0.0 67.9 23.6 72.6 76.3 72 | 1.0 0.7 0.0                  | 1.0 0.555 0.0 68.1 23.3 72.8 76.4 72 | 1.0 0.7 0.0       | 75.6 9.6 81.3 81.9 83        | 1                 |                        |              |  |  |  |  |  |  |  |  |  |  |  |

2-103931-L0

RS370-72

LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

salida: Offset standard print; separation cmy0\*, D65, página 10/33

gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$   
círculo de tono, 48 pasos;  $rgb-LabCh^*$ mesas

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmy0^*_{dd}$

2-103931-F0

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/RS37/RS37.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)  
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{d361M}$ | $LAB^*_{d361Mi}(x=LabCh)$ | $rgb^*_{ds361Mi}$ | $LAB^*_{ds361Mi}(x=LabCh)$ | $rgb^*_{dd361Mi}$ | $rgb^*_{de361Mi}$ | $LAB^*_{de361Mi}(x=LabCh)$ | $rgb^*_{dd361Mi}$ | $rgb^*_{ds361Mi}$ | $rgb^*_{de361Mi}$ |
|------------|------------|------------|------------------|-----------------|---------------------------|-------------------|----------------------------|-------------------|-------------------|----------------------------|-------------------|-------------------|-------------------|
| 86         | 75         | 75         | 1.0              | 0.75            | 0.0                       | 77.9              | 5.4                        | 83.8              | 84.0              | 86                         | 1.0               | 0.585             | 0.0               |
| 87         | 76         | 76         | 1.0              | 0.766           | 0.0                       | 78.6              | 4.3                        | 84.7              | 84.8              | 87                         | 1.0               | 0.596             | 0.0               |
| 87         | 77         | 77         | 1.0              | 0.783           | 0.0                       | 79.4              | 3.2                        | 85.6              | 85.7              | 87                         | 1.0               | 0.607             | 0.0               |
| 88         | 78         | 78         | 1.0              | 0.8             | 0.0                       | 80.1              | 2.0                        | 86.5              | 86.5              | 88                         | 1.0               | 0.618             | 0.0               |
| 89         | 79         | 80         | 1.0              | 0.816           | 0.0                       | 80.8              | 0.8                        | 87.3              | 87.3              | 89                         | 1.0               | 0.631             | 0.0               |
| 90         | 80         | 81         | 1.0              | 0.833           | 0.0                       | 81.6              | -0.3                       | 88.2              | 88.2              | 90                         | 1.0               | 0.647             | 0.0               |
| 91         | 81         | 82         | 1.0              | 0.85            | 0.0                       | 82.3              | -1.5                       | 89.0              | 89.0              | 91                         | 1.0               | 0.664             | 0.0               |
| 91         | 82         | 83         | 1.0              | 0.866           | 0.0                       | 83.1              | -2.8                       | 89.8              | 89.8              | 91                         | 1.0               | 0.68              | 0.0               |
| 92         | 83         | 84         | 1.0              | 0.883           | 0.0                       | 83.7              | -3.8                       | 90.5              | 90.6              | 92                         | 1.0               | 0.697             | 0.0               |
| 92         | 84         | 85         | 1.0              | 0.9             | 0.0                       | 84.3              | -4.7                       | 91.3              | 91.4              | 92                         | 1.0               | 0.713             | 0.0               |
| 93         | 85         | 86         | 1.0              | 0.916           | 0.0                       | 84.9              | -5.6                       | 92.0              | 92.2              | 93                         | 1.0               | 0.729             | 0.0               |
| 94         | 86         | 87         | 1.0              | 0.933           | 0.0                       | 85.5              | -6.5                       | 92.7              | 92.9              | 94                         | 1.0               | 0.746             | 0.0               |
| 94         | 87         | 88         | 1.0              | 0.95            | 0.0                       | 86.0              | -7.4                       | 93.4              | 93.7              | 94                         | 1.0               | 0.766             | 0.0               |
| 95         | 88         | 90         | 1.0              | 0.966           | 0.0                       | 86.6              | -8.3                       | 94.1              | 94.5              | 95                         | 1.0               | 0.787             | 0.0               |
| 95         | 89         | 91         | 1.0              | 0.983           | 0.0                       | 87.2              | -9.2                       | 94.8              | 95.2              | 95                         | 1.0               | 0.808             | 0.0               |
| 96         | 90         | 92         | 1.0              | 1.0             | 0.0                       | 87.8              | -10.2                      | 95.4              | 96.0              | 96                         | 1.0               | 0.829             | 0.0               |
| 96         | 91         | 93         | 0.983            | 1.0             | 0.0                       | 87.3              | -10.7                      | 94.6              | 95.2              | 96                         | 1.0               | 0.85              | 0.0               |
| 96         | 92         | 94         | 0.966            | 1.0             | 0.0                       | 86.8              | -11.2                      | 93.8              | 94.5              | 96                         | 1.0               | 0.871             | 0.0               |
| 97         | 93         | 95         | 0.95             | 1.0             | 0.0                       | 86.4              | -11.7                      | 93.0              | 93.7              | 97                         | 1.0               | 0.901             | 0.0               |
| 97         | 94         | 96         | 0.933            | 1.0             | 0.0                       | 85.9              | -12.2                      | 92.2              | 93.0              | 97                         | 1.0               | 0.933             | 0.0               |
| 97         | 95         | 98         | 0.916            | 1.0             | 0.0                       | 85.5              | -12.7                      | 91.3              | 92.2              | 97                         | 1.0               | 0.965             | 0.0               |
| 98         | 96         | 99         | 0.9              | 1.0             | 0.0                       | 85.0              | -13.2                      | 90.5              | 91.5              | 98                         | 1.0               | 0.997             | 0.0               |
| 98         | 97         | 100        | 0.883            | 1.0             | 0.0                       | 84.5              | -13.6                      | 89.7              | 90.7              | 98                         | 0.959             | 1.0               | 0.0               |
| 99         | 98         | 101        | 0.866            | 1.0             | 0.0                       | 84.1              | -14.1                      | 88.9              | 90.0              | 99                         | 0.914             | 1.0               | 0.0               |
| 99         | 99         | 102        | 0.85             | 1.0             | 0.0                       | 83.6              | -14.6                      | 88.1              | 89.3              | 99                         | 0.869             | 1.0               | 0.0               |
| 99         | 100        | 103        | 0.833            | 1.0             | 0.0                       | 83.1              | -15.1                      | 87.4              | 88.7              | 99                         | 0.827             | 1.0               | 0.0               |
| 100        | 101        | 105        | 0.816            | 1.0             | 0.0                       | 82.6              | -15.6                      | 86.6              | 88.0              | 100                        | 0.785             | 1.0               | 0.0               |
| 100        | 102        | 106        | 0.8              | 1.0             | 0.0                       | 82.2              | -16.1                      | 85.8              | 87.3              | 100                        | 0.747             | 1.0               | 0.0               |
| 101        | 103        | 107        | 0.783            | 1.0             | 0.0                       | 81.7              | -16.6                      | 85.1              | 86.7              | 101                        | 0.725             | 1.0               | 0.0               |
| 101        | 104        | 108        | 0.766            | 1.0             | 0.0                       | 81.2              | -17.0                      | 84.3              | 86.0              | 101                        | 0.703             | 1.0               | 0.0               |
| 101        | 105        | 109        | 0.75             | 1.0             | 0.0                       | 80.7              | -17.5                      | 83.5              | 85.3              | 101                        | 0.682             | 1.0               | 0.0               |
| 102        | 106        | 110        | 0.733            | 1.0             | 0.0                       | 80.0              | -18.4                      | 82.5              | 84.6              | 102                        | 0.66              | 1.0               | 0.0               |
| 103        | 107        | 112        | 0.716            | 1.0             | 0.0                       | 79.3              | -19.3                      | 81.5              | 83.8              | 103                        | 0.638             | 1.0               | 0.0               |
| 104        | 108        | 113        | 0.7              | 1.0             | 0.0                       | 78.5              | -20.2                      | 80.5              | 83.0              | 104                        | 0.617             | 1.0               | 0.0               |
| 104        | 109        | 114        | 0.683            | 1.0             | 0.0                       | 77.8              | -21.1                      | 79.4              | 82.2              | 104                        | 0.598             | 1.0               | 0.0               |
| 105        | 110        | 115        | 0.666            | 1.0             | 0.0                       | 77.1              | -22.0                      | 78.4              | 81.4              | 105                        | 0.579             | 1.0               | 0.0               |
| 106        | 111        | 116        | 0.65             | 1.0             | 0.0                       | 76.4              | -22.8                      | 77.3              | 80.6              | 106                        | 0.559             | 1.0               | 0.0               |
| 107        | 112        | 117        | 0.633            | 1.0             | 0.0                       | 75.6              | -23.6                      | 76.2              | 79.8              | 107                        | 0.54              | 1.0               | 0.0               |
| 108        | 113        | 119        | 0.616            | 1.0             | 0.0                       | 75.0              | -24.4                      | 75.1              | 79.0              | 108                        | 0.521             | 1.0               | 0.0               |
| 108        | 114        | 120        | 0.6              | 1.0             | 0.0                       | 74.3              | -25.3                      | 73.9              | 78.1              | 108                        | 0.501             | 1.0               | 0.0               |
| 109        | 115        | 121        | 0.583            | 1.0             | 0.0                       | 73.7              | -26.1                      | 72.7              | 77.2              | 109                        | 0.484             | 1.0               | 0.0               |
| 110        | 116        | 122        | 0.566            | 1.0             | 0.0                       | 73.1              | -26.9                      | 71.4              | 76.3              | 110                        | 0.467             | 1.0               | 0.0               |
| 111        | 117        | 123        | 0.55             | 1.0             | 0.0                       | 72.4              | -27.6                      | 70.2              | 75.5              | 111                        | 0.45              | 1.0               | 0.0               |
| 112        | 118        | 124        | 0.533            | 1.0             | 0.0                       | 71.8              | -28.3                      | 69.0              | 74.6              | 112                        | 0.433             | 1.0               | 0.0               |
| 113        | 119        | 126        | 0.516            | 1.0             | 0.0                       | 71.2              | -29.0                      | 67.7              | 73.7              | 113                        | 0.416             | 1.0               | 0.0               |
| 114        | 120        | 127        | 0.5              | 1.0             | 0.0                       | 70.6              | -29.7                      | 66.5              | 72.8              | 114                        | 0.399             | 1.0               | 0.0               |

2-1031031-L0 RS370-72 LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

salida: Offset standard print; separation cmy0\*, D65, página 11/33

gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$   
círculo de tono, 48 pasos;  $rgb-LabCh^*$ mesas

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmy0^*_{dd}$

TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)

TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours *RYGBM*<sub>s</sub>;  $h_{ab,ds}$  = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0;

Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

[illegible]

2-1031131-L0 RS370-72

LAB\*la0, YN=0%, X

LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

salida: Offset standard print; separation cmy0\*, D65, página 12/33

gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$

círculo de tono, 48 pasos; *rgb-LabCh\** mesas

salida: 3D-linealización a  $cmy0^*_{dd}$

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| Table 1: Colorimetric data for the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the color difference of the 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2-1031231-L0 RS370-72 LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

salida: Offset standard print; separation cmy0\*, D65, página 13/33

gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$   
círculo de tono, 48 pasos;  $rgb-LabCh^*$ mesas

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmy0^*_{dd}$

TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)  
TUB material: code=rha4ta

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ |       |     |      |       |       |      | $LAB^*_{dd361Mi}(x=LabCh)$ |       |     |       |       |      |       | $C_d$ | $rgb^*_{ds361Mi}$ |     |       |     |       |     |     | $LAB^*_{dsx361Mi}(x=LabCh)$ |       |      |       |       |       |      | $C_s$ | $rgb^*_{dd361Mi}$ |       |     |  |  |  |  | $rgb^*_{de361Mi}$ |  |  |  |  |  |  | $LAB^*_{dex361Mi}(x=LabCh)$ |  |  |  |  |  |  | $C_e$ | $rgb^*_{dd361Mi}$ |  |  |  |  |  |  | $rgb^*_{dd}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |
|------------|------------|------------|------------------|-------|-----|------|-------|-------|------|----------------------------|-------|-----|-------|-------|------|-------|-------|-------------------|-----|-------|-----|-------|-----|-----|-----------------------------|-------|------|-------|-------|-------|------|-------|-------------------|-------|-----|--|--|--|--|-------------------|--|--|--|--|--|--|-----------------------------|--|--|--|--|--|--|-------|-------------------|--|--|--|--|--|--|--------------|--------------|--------------|
| 238        | 210        | 216        | 0.0              | 1.0   | 1.0 | 56.8 | -25.5 | -41.5 | 48.7 | 238                        | $C_d$ | 0.0 | 1.0   | 0.685 | 54.5 | -39.5 | -22.8 | 45.7              | 210 | $C_s$ | 0.0 | 1.0   | 1.0 | 0.0 | 1.0                         | 0.747 | 55.0 | -36.1 | -27.2 | 45.3  | 216  | $C_e$ | 0.0               | 1.0   | 1.0 |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 239        | 211        | 217        | 0.0              | 0.983 | 1.0 | 56.4 | -24.9 | -41.5 | 48.4 | 239                        |       | 0.0 | 1.0   | 0.694 | 54.6 | -39.0 | -23.4 | 45.7              | 211 |       | 0.0 | 0.983 | 1.0 | 0.0 | 1.0                         | 0.757 | 55.1 | -35.7 | -27.8 | 45.4  | 217  | 0.0   | 0.983             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 239        | 212        | 218        | 0.0              | 0.966 | 1.0 | 56.1 | -24.3 | -41.5 | 48.1 | 239                        |       | 0.0 | 1.0   | 0.703 | 54.7 | -38.6 | -24.1 | 45.6              | 212 |       | 0.0 | 0.967 | 1.0 | 0.0 | 1.0                         | 0.767 | 55.2 | -35.3 | -28.4 | 45.4  | 218  | 0.0   | 0.967             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 240        | 213        | 219        | 0.0              | 0.95  | 1.0 | 55.7 | -23.7 | -41.5 | 47.8 | 240                        |       | 0.0 | 1.0   | 0.712 | 54.7 | -38.1 | -24.7 | 45.6              | 213 |       | 0.0 | 0.95  | 1.0 | 0.0 | 1.0                         | 0.778 | 55.2 | -34.9 | -29.0 | 45.5  | 219  | 0.0   | 0.95              | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 240        | 214        | 220        | 0.0              | 0.933 | 1.0 | 55.4 | -23.1 | -41.5 | 47.5 | 240                        |       | 0.0 | 1.0   | 0.721 | 54.8 | -37.6 | -25.3 | 45.5              | 214 |       | 0.0 | 0.933 | 1.0 | 0.0 | 1.0                         | 0.788 | 55.3 | -34.5 | -29.6 | 45.6  | 220  | 0.0   | 0.933             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 241        | 215        | 221        | 0.0              | 0.916 | 1.0 | 55.0 | -22.5 | -41.4 | 47.2 | 241                        |       | 0.0 | 1.0   | 0.73  | 54.9 | -37.1 | -26.0 | 45.4              | 215 |       | 0.0 | 0.917 | 1.0 | 0.0 | 1.0                         | 0.798 | 55.4 | -34.1 | -30.2 | 45.7  | 221  | 0.0   | 0.917             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 242        | 216        | 222        | 0.0              | 0.9   | 1.0 | 54.6 | -22.0 | -41.4 | 46.9 | 242                        |       | 0.0 | 1.0   | 0.739 | 55.0 | -36.6 | -26.6 | 45.4              | 216 |       | 0.0 | 0.9   | 1.0 | 0.0 | 1.0                         | 0.808 | 55.4 | -33.6 | -30.8 | 45.7  | 222  | 0.0   | 0.9               | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 242        | 217        | 223        | 0.0              | 0.883 | 1.0 | 54.3 | -21.4 | -41.4 | 46.6 | 242                        |       | 0.0 | 1.0   | 0.747 | 55.0 | -36.1 | -27.2 | 45.3              | 217 |       | 0.0 | 0.883 | 1.0 | 0.0 | 1.0                         | 0.819 | 55.5 | -33.2 | -31.3 | 45.8  | 223  | 0.0   | 0.883             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 243        | 218        | 224        | 0.0              | 0.866 | 1.0 | 53.9 | -20.7 | -41.3 | 46.3 | 243                        |       | 0.0 | 1.0   | 0.758 | 55.1 | -35.6 | -27.8 | 45.4              | 218 |       | 0.0 | 0.867 | 1.0 | 0.0 | 1.0                         | 0.829 | 55.6 | -32.7 | -31.9 | 45.9  | 224  | 0.0   | 0.867             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 244        | 219        | 225        | 0.0              | 0.85  | 1.0 | 53.4 | -20.0 | -41.3 | 45.9 | 244                        |       | 0.0 | 1.0   | 0.769 | 55.2 | -35.2 | -28.5 | 45.4              | 219 |       | 0.0 | 0.85  | 1.0 | 0.0 | 1.0                         | 0.839 | 55.6 | -32.3 | -32.5 | 45.9  | 225  | 0.0   | 0.85              | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 245        | 220        | 226        | 0.0              | 0.833 | 1.0 | 52.9 | -19.2 | -41.3 | 45.6 | 245                        |       | 0.0 | 1.0   | 0.781 | 55.3 | -34.8 | -29.2 | 45.5              | 220 |       | 0.0 | 0.833 | 1.0 | 0.0 | 1.0                         | 0.85  | 55.7 | -31.8 | -33.1 | 46.0  | 226  | 0.0   | 0.833             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 245        | 221        | 227        | 0.0              | 0.816 | 1.0 | 52.4 | -18.5 | -41.3 | 45.3 | 245                        |       | 0.0 | 1.0   | 0.792 | 55.3 | -34.3 | -29.8 | 45.6              | 221 |       | 0.0 | 0.817 | 1.0 | 0.0 | 1.0                         | 0.86  | 55.8 | -31.3 | -33.6 | 46.1  | 227  | 0.0   | 0.817             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 246        | 222        | 227        | 0.0              | 0.8   | 1.0 | 51.9 | -17.7 | -41.3 | 44.9 | 246                        |       | 0.0 | 1.0   | 0.803 | 55.4 | -33.9 | -30.5 | 45.7              | 222 |       | 0.0 | 0.8   | 1.0 | 0.0 | 1.0                         | 0.87  | 55.8 | -30.8 | -34.2 | 46.2  | 227  | 0.0   | 0.8               | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 247        | 223        | 228        | 0.0              | 0.783 | 1.0 | 51.4 | -17.0 | -41.2 | 44.6 | 247                        |       | 0.0 | 1.0   | 0.815 | 55.5 | -33.4 | -31.1 | 45.8              | 223 |       | 0.0 | 0.783 | 1.0 | 0.0 | 1.0                         | 0.881 | 55.9 | -30.4 | -34.8 | 46.3  | 228  | 0.0   | 0.783             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 248        | 224        | 229        | 0.0              | 0.766 | 1.0 | 50.9 | -16.2 | -41.2 | 44.2 | 248                        |       | 0.0 | 1.0   | 0.826 | 55.6 | -32.9 | -31.7 | 45.8              | 224 |       | 0.0 | 0.767 | 1.0 | 0.0 | 1.0                         | 0.893 | 56.0 | -30.0 | -35.4 | 46.6  | 229  | 0.0   | 0.767             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 249        | 225        | 230        | 0.0              | 0.75  | 1.0 | 50.4 | -15.5 | -41.1 | 43.9 | 249                        |       | 0.0 | 1.0   | 0.837 | 55.6 | -32.4 | -32.4 | 45.9              | 225 |       | 0.0 | 0.75  | 1.0 | 0.0 | 1.0                         | 0.904 | 56.1 | -29.6 | -36.1 | 46.8  | 230  | 0.0   | 0.75              | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 250        | 226        | 231        | 0.0              | 0.733 | 1.0 | 49.9 | -14.7 | -41.1 | 43.6 | 250                        |       | 0.0 | 1.0   | 0.849 | 55.7 | -31.9 | -33.0 | 46.0              | 226 |       | 0.0 | 0.733 | 1.0 | 0.0 | 1.0                         | 0.915 | 56.2 | -29.1 | -36.7 | 47.0  | 231  | 0.0   | 0.733             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 251        | 227        | 232        | 0.0              | 0.716 | 1.0 | 49.4 | -13.8 | -41.1 | 43.4 | 251                        |       | 0.0 | 1.0   | 0.86  | 55.8 | -31.3 | -33.6 | 46.1              | 227 |       | 0.0 | 0.717 | 1.0 | 0.0 | 1.0                         | 0.926 | 56.3 | -28.7 | -37.4 | 47.2  | 232  | 0.0   | 0.717             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 252        | 228        | 233        | 0.0              | 0.7   | 1.0 | 48.8 | -13.0 | -41.1 | 43.1 | 252                        |       | 0.0 | 1.0   | 0.871 | 55.9 | -30.8 | -34.2 | 46.2              | 228 |       | 0.0 | 0.7   | 1.0 | 0.0 | 1.0                         | 0.938 | 56.3 | -28.2 | -38.0 | 47.5  | 233  | 0.0   | 0.7               | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 253        | 229        | 234        | 0.0              | 0.683 | 1.0 | 48.3 | -12.2 | -41.1 | 42.9 | 253                        |       | 0.0 | 1.0   | 0.883 | 55.9 | -30.3 | -34.9 | 46.4              | 229 |       | 0.0 | 0.683 | 1.0 | 0.0 | 1.0                         | 0.949 | 56.4 | -27.7 | -38.6 | 47.7  | 234  | 0.0   | 0.683             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 254        | 230        | 235        | 0.0              | 0.666 | 1.0 | 47.8 | -11.4 | -41.0 | 42.6 | 254                        |       | 0.0 | 1.0   | 0.896 | 56.0 | -29.9 | -35.6 | 46.6              | 230 |       | 0.0 | 0.667 | 1.0 | 0.0 | 1.0                         | 0.96  | 56.5 | -27.2 | -39.3 | 47.9  | 235  | 0.0   | 0.667             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 255        | 231        | 236        | 0.0              | 0.65  | 1.0 | 47.3 | -10.6 | -41.0 | 42.3 | 255                        |       | 0.0 | 1.0   | 0.908 | 56.1 | -29.4 | -36.3 | 46.9              | 231 |       | 0.0 | 0.65  | 1.0 | 0.0 | 1.0                         | 0.972 | 56.6 | -26.7 | -39.9 | 48.2  | 236  | 0.0   | 0.65              | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 256        | 232        | 237        | 0.0              | 0.633 | 1.0 | 46.8 | -9.8  | -40.9 | 42.1 | 256                        |       | 0.0 | 1.0   | 0.92  | 56.2 | -28.9 | -37.0 | 47.1              | 232 |       | 0.0 | 0.633 | 1.0 | 0.0 | 1.0                         | 0.983 | 56.7 | -26.2 | -40.5 | 48.4  | 237  | 0.0   | 0.633             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 257        | 233        | 237        | 0.0              | 0.616 | 1.0 | 46.2 | -8.9  | -40.9 | 41.8 | 257                        |       | 0.0 | 1.0   | 0.933 | 56.3 | -28.4 | -37.7 | 47.4              | 233 |       | 0.0 | 0.617 | 1.0 | 0.0 | 1.0                         | 0.994 | 56.8 | -25.7 | -41.1 | 48.6  | 237  | 0.0   | 0.617             | 1.0   |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 259        | 234        | 238        | 0.0              | 0.6   | 1.0 | 45.5 | -7.8  | -40.9 | 41.7 | 259                        |       | 0.0 | 1.0   | 0.945 | 56.4 | -27.9 | -38.4 | 47.6              | 234 |       | 0.0 | 0.6   | 1.0 | 0.0 | 1.0                         | 0.988 | 1.0  | 56.6  | -25.0 | -41.4 | 48.5 | 238   | 0.0               | 0.6   | 1.0 |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 260        | 235        | 239        | 0.0              | 0.583 | 1.0 | 44.9 | -6.6  | -41.0 | 41.5 | 260                        |       | 0.0 | 1.0   | 0.957 | 56.5 | -27.4 | -39.1 | 47.9              | 235 |       | 0.0 | 0.583 | 1.0 | 0.0 | 1.0                         | 0.962 | 1.0  | 56.0  | -24.1 | -41.4 | 48.1 | 239   | 0.0               | 0.583 | 1.0 |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 262        | 236        | 240        | 0.0              | 0.566 | 1.0 | 44.2 | -5.5  | -40.9 | 41.3 | 262                        |       | 0.0 | 1.0   | 0.97  | 56.6 | -26.8 | -39.8 | 48.1              | 236 |       | 0.0 | 0.567 | 1.0 | 0.0 | 1.0                         | 0.937 | 1.0  | 55.5  | -23.2 | -41.4 | 47.6 | 240   | 0.0               | 0.567 | 1.0 |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 263        | 237        | 241        | 0.0              | 0.55  | 1.0 | 43.6 | -4.4  | -40.9 | 41.1 | 263                        |       | 0.0 | 1.0   | 0.982 | 56.7 | -26.2 | -40.5 | 48.4              | 237 |       | 0.0 | 0.55  | 1.0 | 0.0 | 1.0                         | 0.911 | 1.0  | 54.9  | -22.3 | -41.4 | 47.1 | 241   | 0.0               | 0.55  | 1.0 |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 265        | 238        | 242        | 0.0              | 0.533 | 1.0 | 43.0 | -3.3  | -40.8 | 41.0 | 265                        |       | 0.0 | 1.0   | 0.994 | 56.8 | -25.7 | -41.1 | 48.6              | 238 |       | 0.0 | 0.533 | 1.0 | 0.0 | 1.0                         | 0.885 | 1.0  | 54.4  | -21.4 | -41.3 | 46.7 | 242   | 0.0               | 0.533 | 1.0 |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 266        | 239        | 243        | 0.0              | 0.516 | 1.0 | 42.3 | -2.3  | -40.7 | 40.8 | 266                        |       | 0.0 | 0.985 | 1.0   | 56.5 | -24.9 | -41.4 | 48.5              | 239 |       | 0.0 | 0.517 | 1.0 | 0.0 | 1.0                         | 0.864 | 1.0  | 53.9  | -20.6 | -41.3 | 46.3 | 243   | 0.0               | 0.517 | 1.0 |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 268        | 240        | 244        | 0.0              | 0.5   | 1.0 | 41.7 | -1.2  | -40.6 | 40.6 | 268                        |       | 0.0 | 0.956 | 1.0   | 55.9 | -23.9 | -41.4 | 48.0              | 240 |       | 0.0 | 0.5   | 1.0 | 0.0 | 1.0                         | 0.847 | 1.0  | 53.3  | -19.8 | -41.3 | 45.9 | 244   | 0.0               | 0.5   | 1.0 |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 269        | 241        | 245        | 0.0              | 0.483 | 1.0 | 41.1 | -0.2  | -40.6 | 40.6 | 269                        |       | 0.0 | 0.928 | 1.0   | 55.3 | -22.9 | -41.4 | 47.4              | 241 |       | 0.0 | 0.483 | 1.0 | 0.0 | 1.0                         | 0.829 | 1.0  | 52.8  | -19.0 | -41.3 | 45.6 | 245   | 0.0               | 0.483 | 1.0 |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |
| 271        | 242        |            |                  |       |     |      |       |       |      |                            |       |     |       |       |      |       |       |                   |     |       |     |       |     |     |                             |       |      |       |       |       |      |       |                   |       |     |  |  |  |  |                   |  |  |  |  |  |  |                             |  |  |  |  |  |  |       |                   |  |  |  |  |  |  |              |              |              |

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| Six hue angles of the device colours RYGBCM <sub>d</sub> : $h_{abd} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours RYGBCM <sub>e</sub> : $h_{abe} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$ |            |            |                |                            |                     |                            |                      |                 |                            |                      |           |           |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------|----------------------------|---------------------|----------------------------|----------------------|-----------------|----------------------------|----------------------|-----------|-----------|-----------|
| $h_{ab,d}$                                                                                                                                                                                                                        | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*$ dd361M | $LAB^*$ ddx361Mi (x=LabCh) | $rgb^*$ ds361Mi     | $LAB^*$ dsx361Mi (x=LabCh) | $rgb^*$ dd361Mi      | $rgb^*$ de361Mi | $LAB^*$ dex361Mi (x=LabCh) | $rgb^*$ dd361Mi      | $rgb^*_d$ | $rgb^*_s$ | $rgb^*_e$ |
| 289                                                                                                                                                                                                                               | 255        | 258        | 0.0 0.25 1.0   | 32.8 14.3 -40.2 42.7       | 0.0 0.657 1.0       | 47.5 -10.9 -40.9 42.5      | 0.0 0.25 1.0         | 0.0 0.613 1.0   | 46.1 -8.6 -40.8 41.9       | 0.0 0.25 1.0         |           |           |           |
| 290                                                                                                                                                                                                                               | 256        | 258        | 0.0 0.233 1.0  | 32.2 15.3 -40.3 43.1       | 0.0 0.641 1.0       | 47.0 -10.1 -40.9 42.2      | 0.0 0.233 1.0        | 0.0 0.603 1.0   | 45.7 -7.9 -40.9 41.7       | 0.0 0.233 1.0        |           |           |           |
| 292                                                                                                                                                                                                                               | 257        | 259        | 0.0 0.216 1.0  | 31.7 16.4 -40.3 43.6       | 0.0 0.624 1.0       | 46.5 -9.3 -40.8 42.0       | 0.0 0.217 1.0        | 0.0 0.593 1.0   | 45.3 -7.2 -40.9 41.6       | 0.0 0.217 1.0        |           |           |           |
| 293                                                                                                                                                                                                                               | 258        | 260        | 0.0 0.2 1.0    | 31.1 17.5 -40.4 44.0       | 0.0 0.613 1.0       | 46.1 -8.6 -40.8 41.9       | 0.0 0.2 1.0          | 0.0 0.583 1.0   | 44.9 -6.6 -40.9 41.5       | 0.0 0.2 1.0          |           |           |           |
| 294                                                                                                                                                                                                                               | 259        | 261        | 0.0 0.183 1.0  | 30.6 18.5 -40.4 44.5       | 0.0 0.602 1.0       | 45.7 -7.9 -40.9 41.7       | 0.0 0.183 1.0        | 0.0 0.573 1.0   | 44.5 -5.9 -40.9 41.4       | 0.0 0.183 1.0        |           |           |           |
| 295                                                                                                                                                                                                                               | 260        | 262        | 0.0 0.166 1.0  | 30.0 19.6 -40.4 44.9       | 0.0 0.591 1.0       | 45.3 -7.1 -40.9 41.6       | 0.0 0.167 1.0        | 0.0 0.562 1.0   | 44.1 -5.2 -40.9 41.3       | 0.0 0.167 1.0        |           |           |           |
| 297                                                                                                                                                                                                                               | 261        | 263        | 0.0 0.15 1.0   | 29.5 20.7 -40.4 45.4       | 0.0 0.58 1.0        | 44.8 -6.4 -40.9 41.5       | 0.0 0.15 1.0         | 0.0 0.552 1.0   | 43.7 -4.5 -40.9 41.2       | 0.0 0.15 1.0         |           |           |           |
| 298                                                                                                                                                                                                                               | 262        | 264        | 0.0 0.133 1.0  | 28.9 21.8 -40.3 45.8       | 0.0 0.569 1.0       | 44.4 -5.7 -40.9 41.4       | 0.0 0.133 1.0        | 0.0 0.542 1.0   | 43.4 -3.9 -40.8 41.1       | 0.0 0.133 1.0        |           |           |           |
| 299                                                                                                                                                                                                                               | 263        | 265        | 0.0 0.116 1.0  | 28.4 22.8 -40.3 46.3       | 0.0 0.558 1.0       | 44.0 -4.9 -40.9 41.3       | 0.0 0.117 1.0        | 0.0 0.532 1.0   | 43.0 -3.2 -40.8 41.0       | 0.0 0.117 1.0        |           |           |           |
| 300                                                                                                                                                                                                                               | 264        | 266        | 0.0 0.1 1.0    | 27.9 23.8 -40.4 46.9       | 0.0 0.547 1.0       | 43.5 -4.2 -40.8 41.2       | 0.0 0.1 1.0          | 0.0 0.522 1.0   | 42.6 -2.6 -40.7 40.9       | 0.0 0.1 1.0          |           |           |           |
| 301                                                                                                                                                                                                                               | 265        | 267        | 0.0 0.083 1.0  | 27.4 24.7 -40.4 47.4       | 0.0 0.536 1.0       | 43.1 -3.5 -40.8 41.1       | 0.0 0.083 1.0        | 0.0 0.512 1.0   | 42.2 -1.9 -40.7 40.8       | 0.0 0.083 1.0        |           |           |           |
| 302                                                                                                                                                                                                                               | 266        | 268        | 0.0 0.066 1.0  | 26.9 25.7 -40.4 47.9       | 0.0 0.525 1.0       | 42.7 -2.8 -40.7 40.9       | 0.0 0.067 1.0        | 0.0 0.502 1.0   | 41.8 -1.3 -40.6 40.7       | 0.0 0.067 1.0        |           |           |           |
| 303                                                                                                                                                                                                                               | 267        | 269        | 0.0 0.049 1.0  | 26.5 26.6 -40.5 48.4       | 0.0 0.514 1.0       | 42.3 -2.0 -40.7 40.8       | 0.0 0.05 1.0         | 0.0 0.491 1.0   | 41.4 -0.6 -40.6 40.7       | 0.0 0.05 1.0         |           |           |           |
| 304                                                                                                                                                                                                                               | 268        | 269        | 0.0 0.033 1.0  | 26.0 27.6 -40.4 49.0       | 0.0 0.503 1.0       | 41.8 -1.3 -40.6 40.7       | 0.0 0.033 1.0        | 0.0 0.48 1.0    | 41.0 0.0 -40.6 40.7        | 0.0 0.033 1.0        |           |           |           |
| 305                                                                                                                                                                                                                               | 269        | 270        | 0.0 0.016 1.0  | 25.5 28.6 -40.4 49.5       | 0.0 0.491 1.0       | 41.4 -0.6 -40.6 40.7       | 0.0 0.017 1.0        | 0.0 0.469 1.0   | 40.6 0.6 -40.6 40.7        | 0.0 0.017 1.0        |           |           |           |
| 306                                                                                                                                                                                                                               | 270        | 271        | 0.0 0.0 1.0    | 25.0 29.5 -40.4 50.0       | $B_d$ 0.0 0.479 1.0 | 41.0 0.0 -40.6 40.7        | $270B_s$ 0.0 0.0 1.0 | 0.0 0.458 1.0   | 40.3 1.2 -40.6 40.7        | $271B_e$ 0.0 0.0 1.0 |           |           |           |
| 307                                                                                                                                                                                                                               | 271        | 272        | 0.016 0.0 1.0  | 25.4 30.4 -39.9 50.2       | 0.0 0.467 1.0       | 40.6 0.7 -40.6 40.7        | 0.017 0.0 1.0        | 0.0 0.447 1.0   | 39.9 1.9 -40.5 40.7        | 0.017 0.0 1.0        |           |           |           |
| 308                                                                                                                                                                                                                               | 272        | 273        | 0.033 0.0 1.0  | 25.8 31.3 -39.4 50.4       | 0.0 0.455 1.0       | 40.2 1.4 -40.6 40.7        | 0.033 0.0 1.0        | 0.0 0.435 1.0   | 39.5 2.6 -40.5 40.7        | 0.033 0.0 1.0        |           |           |           |
| 309                                                                                                                                                                                                                               | 273        | 274        | 0.05 0.0 1.0   | 26.2 32.2 -38.9 50.5       | 0.0 0.443 1.0       | 39.7 2.1 -40.5 40.7        | 0.05 0.0 1.0         | 0.0 0.424 1.0   | 39.1 3.3 -40.5 40.7        | 0.05 0.0 1.0         |           |           |           |
| 310                                                                                                                                                                                                                               | 274        | 275        | 0.066 0.0 1.0  | 26.5 33.1 -38.4 50.7       | 0.0 0.431 1.0       | 39.3 2.8 -40.5 40.7        | 0.067 0.0 1.0        | 0.0 0.413 1.0   | 38.7 3.9 -40.4 40.7        | 0.067 0.0 1.0        |           |           |           |
| 311                                                                                                                                                                                                                               | 275        | 276        | 0.083 0.0 1.0  | 26.9 33.9 -37.8 50.8       | 0.0 0.419 1.0       | 38.9 3.5 -40.4 40.7        | 0.083 0.0 1.0        | 0.0 0.401 1.0   | 38.3 4.6 -40.3 40.7        | 0.083 0.0 1.0        |           |           |           |
| 313                                                                                                                                                                                                                               | 276        | 277        | 0.1 0.0 1.0    | 27.3 34.8 -37.3 51.0       | 0.0 0.407 1.0       | 38.5 4.3 -40.4 40.7        | 0.1 0.0 1.0          | 0.0 0.39 1.0    | 37.9 5.3 -40.3 40.7        | 0.1 0.0 1.0          |           |           |           |
| 314                                                                                                                                                                                                                               | 277        | 278        | 0.116 0.0 1.0  | 27.7 35.6 -36.7 51.1       | 0.0 0.395 1.0       | 38.1 5.0 -40.3 40.7        | 0.117 0.0 1.0        | 0.0 0.378 1.0   | 37.5 5.9 -40.2 40.7        | 0.117 0.0 1.0        |           |           |           |
| 315                                                                                                                                                                                                                               | 278        | 279        | 0.133 0.0 1.0  | 27.9 36.4 -36.2 51.3       | 0.0 0.383 1.0       | 37.6 5.7 -40.2 40.7        | 0.133 0.0 1.0        | 0.0 0.367 1.0   | 37.1 6.6 -40.2 40.8        | 0.133 0.0 1.0        |           |           |           |
| 316                                                                                                                                                                                                                               | 279        | 280        | 0.15 0.0 1.0   | 28.1 37.2 -35.7 51.6       | 0.0 0.371 1.0       | 37.2 6.4 -40.2 40.8        | 0.15 0.0 1.0         | 0.0 0.357 1.0   | 36.7 7.3 -40.2 41.0        | 0.15 0.0 1.0         |           |           |           |
| 317                                                                                                                                                                                                                               | 280        | 281        | 0.166 0.0 1.0  | 28.2 38.0 -35.2 51.9       | 0.0 0.36 1.0        | 36.8 7.1 -40.2 41.0        | 0.167 0.0 1.0        | 0.0 0.346 1.0   | 36.3 8.0 -40.3 41.2        | 0.167 0.0 1.0        |           |           |           |
| 318                                                                                                                                                                                                                               | 281        | 282        | 0.183 0.0 1.0  | 28.3 38.8 -34.7 52.1       | 0.0 0.348 1.0       | 36.4 7.8 -40.3 41.1        | 0.183 0.0 1.0        | 0.0 0.335 1.0   | 35.9 8.7 -40.3 41.3        | 0.183 0.0 1.0        |           |           |           |
| 319                                                                                                                                                                                                                               | 282        | 283        | 0.2 0.0 1.0    | 28.5 39.6 -34.2 52.4       | 0.0 0.337 1.0       | 36.0 8.6 -40.3 41.3        | 0.2 0.0 1.0          | 0.0 0.324 1.0   | 35.5 9.4 -40.3 41.5        | 0.2 0.0 1.0          |           |           |           |
| 320                                                                                                                                                                                                                               | 283        | 284        | 0.216 0.0 1.0  | 28.6 40.4 -33.7 52.6       | 0.0 0.326 1.0       | 35.6 9.3 -40.3 41.5        | 0.217 0.0 1.0        | 0.0 0.313 1.0   | 35.1 10.1 -40.3 41.7       | 0.217 0.0 1.0        |           |           |           |
| 321                                                                                                                                                                                                                               | 284        | 285        | 0.233 0.0 1.0  | 28.7 41.2 -33.1 52.9       | 0.0 0.314 1.0       | 35.2 10.1 -40.3 41.7       | 0.233 0.0 1.0        | 0.0 0.303 1.0   | 34.8 10.8 -40.3 41.9       | 0.233 0.0 1.0        |           |           |           |
| 322                                                                                                                                                                                                                               | 285        | 285        | 0.25 0.0 1.0   | 28.8 41.9 -32.5 53.1       | 0.0 0.303 1.0       | 34.8 10.8 -40.3 41.9       | 0.25 0.0 1.0         | 0.0 0.292 1.0   | 34.4 11.6 -40.3 42.0       | 0.25 0.0 1.0         |           |           |           |
| 323                                                                                                                                                                                                                               | 286        | 286        | 0.266 0.0 1.0  | 29.4 43.3 -31.8 53.8       | 0.0 0.291 1.0       | 34.3 11.6 -40.3 42.0       | 0.267 0.0 1.0        | 0.0 0.281 1.0   | 34.0 12.3 -40.3 42.2       | 0.267 0.0 1.0        |           |           |           |
| 325                                                                                                                                                                                                                               | 287        | 287        | 0.283 0.0 1.0  | 29.9 44.7 -31.1 54.4       | 0.0 0.28 1.0        | 33.9 12.3 -40.3 42.2       | 0.283 0.0 1.0        | 0.0 0.27 1.0    | 33.6 13.0 -40.2 42.4       | 0.283 0.0 1.0        |           |           |           |
| 326                                                                                                                                                                                                                               | 288        | 288        | 0.3 0.0 1.0    | 30.4 46.0 -30.3 55.1       | 0.0 0.269 1.0       | 33.5 13.1 -40.2 42.4       | 0.3 0.0 1.0          | 0.0 0.26 1.0    | 33.2 13.7 -40.2 42.5       | 0.3 0.0 1.0          |           |           |           |
| 328                                                                                                                                                                                                                               | 289        | 289        | 0.316 0.0 1.0  | 30.9 47.3 -29.4 55.7       | 0.0 0.257 1.0       | 33.1 13.9 -40.2 42.6       | 0.317 0.0 1.0        | 0.0 0.249 1.0   | 32.8 14.4 -40.1 42.7       | 0.317 0.0 1.0        |           |           |           |
| 329                                                                                                                                                                                                                               | 290        | 290        | 0.333 0.0 1.0  | 31.4 48.6 -28.5 56.4       | 0.0 0.245 1.0       | 32.7 14.6 -40.1 42.8       | 0.333 0.0 1.0        | 0.0 0.236 1.0   | 32.4 15.2 -40.2 43.1       | 0.333 0.0 1.0        |           |           |           |
| 331                                                                                                                                                                                                                               | 291        | 291        | 0.35 0.0 1.0   | 32.0 49.9 -27.5 57.0       | 0.0 0.232 1.0       | 32.2 15.5 -40.2 43.2       | 0.35 0.0 1.0         | 0.0 0.223 1.0   | 32.0 16.0 -40.3 43.4       | 0.35 0.0 1.0         |           |           |           |
| 332                                                                                                                                                                                                                               | 292        | 292        | 0.366 0.0 1.0  | 32.5 51.2 -26.5 57.7       | 0.0 0.219 1.0       | 31.8 16.3 -40.3 43.6       | 0.367 0.0 1.0        | 0.0 0.211 1.0   | 31.5 16.8 -40.3 43.8       | 0.367 0.0 1.0        |           |           |           |
| 333                                                                                                                                                                                                                               | 293        | 293        | 0.383 0.0 1.0  | 32.9 52.3 -25.7 58.3       | 0.0 0.205 1.0       | 31.4 17.2 -40.3 43.9       | 0.383 0.0 1.0        | 0.0 0.198 1.0   | 31.1 17.6 -40.3 44.1       | 0.383 0.0 1.0        |           |           |           |
| 334                                                                                                                                                                                                                               | 294        | 294        | 0.4 0.0 1.0    | 33.3 53.2 -25.0 58.8       | 0.0 0.192 1.0       | 30.9 18.0 -40.3 44.3       | 0.4 0.0 1.0          | 0.0 0.186 1.0   | 30.7 18.4 -40.4 44.5       | 0.4 0.0 1.0          |           |           |           |
| 335                                                                                                                                                                                                                               | 295        | 295        | 0.416 0.0 1.0  | 33.7 54.1 -24.4 59.4       | 0.0 0.179 1.0       | 30.5 18.9 -40.4 44.6       | 0.417 0.0 1.0        | 0.0 0.173 1.0   | 30.3 19.2 -40.4 44.8       | 0.417 0.0 1.0        |           |           |           |
| 336                                                                                                                                                                                                                               | 296        | 296        | 0.433 0.0 1.0  | 34.0 55.0 -23.7 59.9       | 0.0 0.166 1.0       | 30.0 19.7 -40.3 45.0       | 0.433 0.0 1.0        | 0.0 0.161 1.0   | 29.9 20.1 -40.3 45.1       | 0.433 0.0 1.0        |           |           |           |
| 337                                                                                                                                                                                                                               | 297        | 297        | 0.45 0.0 1.0   | 34.4 55.9 -23.0 60.5       | 0.0 0.152 1.0       | 29.6 20.6 -40.3 45.4       | 0.45 0.0 1.0         | 0.0 0.148 1.0   | 29.4 20.9 -40.3 45.5       | 0.45 0.0 1.0         |           |           |           |
| 338                                                                                                                                                                                                                               | 298        | 298        | 0.466 0.0 1.0  | 34.8 56.8 -22.2 61.0       | 0.0 0.139 1.0       | 29.1 21.5 -40.3 45.7       | 0.467 0.0 1.0        | 0.0 0.136 1.0   | 29.0 21.7 -40.3 45.8       | 0.467 0.0 1.0        |           |           |           |
| 339                                                                                                                                                                                                                               | 299        | 299        | 0.483 0.0 1.0  | 35.2 57.7 -21.5 61.6       | 0.0 0.126 1.0       | 28.7 22.3 -40.2 46.1       | 0.483 0.0 1.0        | 0.0 0.122 1.0   | 28.6 22.6 -40.2 46.2       | 0.483 0.0 1.0        |           |           |           |
| 340                                                                                                                                                                                                                               | 300        | 300        | 0.5 0.0 1.0    | 35.6 58.6 -20.7 62.1       | 0.0 0.109 1.0       | 28.2 23.3 -40.3 46.6       | 0.5 0.0 1.0          | 0.0 0.106 1.0   | 28.1 23.5 -40.3 46.7       | 0.5 0.0 1.0          |           |           |           |

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours  $RYGCBM_s$ :  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours  $RYGCBM_d$ :  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours  $RYGCBM_e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| Six hue angles of the device colours RYGBCM <sub>d</sub> : $h_{abd} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours RYGBCM <sub>e</sub> : $h_{abe} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$ |            |            |                  |                  |                  |                   |                   |                   |                   |                   |                   |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |                    |                   |                    |
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| $h_{ab,d}$                                                                                                                                                                                                                        | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | $LAB^*_{d361Mi}$ | $LAB^*_{d361Mi}$ | $rgb^*_{ds361Mi}$ | $LAB^*_{ds361Mi}$ | $LAB^*_{ds361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{de361Mi}$ | $LAB^*_{de361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | 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$rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ | $LAB^*_{dex361Mi}$ | $rgb^*_{dd361Mi}$ | $LAB^*_{dex361Mi}$ |

Data of Maximum color M in colorimetric system Offset standard print; separation cmy0\*, D65 for input or output; Six hue angles of the 60 degree standard colours RYGBM<sub>s</sub>:  $h_{ab,ds} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;

Six hue angles of the device colours RYGBM<sub>d</sub>:  $h_{ab,d} = 32.3, 96.1, 155.5, 238.4, 306.2, 359.8$ ; Six hue angles of the elementary colours RYGBM<sub>e</sub>:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

|     | $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_{dd361M}$ | LAB* $_{ddx361Mi}$ (x=LabCh) |      |      |      |      |     |       | $rgb^*_{ds361Mi}$ | LAB* $_{dsx361Mi}$ (x=LabCh) |      |      |       |      |     |     | $rgb^*_{dd361Mi}$ | $rgb^*_{de361Mi}$ | LAB* $_{dex361Mi}$ (x=LabCh) |     |       |      |      |       |      | $rgb^*_{dd361Mi}$ | $rgb^*_{dd}$ | $rgb^*_{ds}$ | $rgb^*_{de}$ |  |  |  |  |
|-----|------------|------------|------------|------------------|------------------------------|------|------|------|------|-----|-------|-------------------|------------------------------|------|------|-------|------|-----|-----|-------------------|-------------------|------------------------------|-----|-------|------|------|-------|------|-------------------|--------------|--------------|--------------|--|--|--|--|
| 366 | 345        | 342        | 1.0        | 0.0              | 0.75                         | 45.9 | 77.1 | 8.6  | 77.6 | 366 | 0.576 | 0.0               | 1.0                          | 37.1 | 62.9 | -16.7 | 65.1 | 345 | 1.0 | 0.0               | 0.75              | 0.539                        | 0.0 | 1.0   | 36.4 | 60.8 | -18.7 | 63.7 | 342               | 1.0          | 0.0          | 0.75         |  |  |  |  |
| 367 | 346        | 343        | 1.0        | 0.0              | 0.733                        | 45.9 | 77.0 | 9.4  | 77.5 | 367 | 0.593 | 0.0               | 1.0                          | 37.5 | 63.8 | -15.8 | 65.7 | 346 | 1.0 | 0.0               | 0.733             | 0.555                        | 0.0 | 1.0   | 36.7 | 61.7 | -17.9 | 64.3 | 343               | 1.0          | 0.0          | 0.733        |  |  |  |  |
| 367 | 347        | 344        | 1.0        | 0.0              | 0.716                        | 45.9 | 76.8 | 10.3 | 77.5 | 367 | 0.61  | 0.0               | 1.0                          | 37.8 | 64.7 | -14.8 | 66.4 | 347 | 1.0 | 0.0               | 0.717             | 0.571                        | 0.0 | 1.0   | 37.0 | 62.6 | -17.0 | 64.9 | 344               | 1.0          | 0.0          | 0.717        |  |  |  |  |
| 368 | 348        | 345        | 1.0        | 0.0              | 0.7                          | 45.9 | 76.6 | 11.1 | 77.4 | 368 | 0.627 | 0.0               | 1.0                          | 38.2 | 65.6 | -13.8 | 67.1 | 348 | 1.0 | 0.0               | 0.7               | 0.587                        | 0.0 | 1.0   | 37.3 | 63.5 | -16.1 | 65.5 | 345               | 1.0          | 0.0          | 0.7          |  |  |  |  |
| 368 | 349        | 346        | 1.0        | 0.0              | 0.683                        | 45.9 | 76.4 | 11.9 | 77.3 | 368 | 0.654 | 0.0               | 1.0                          | 39.0 | 66.8 | -12.9 | 68.1 | 349 | 1.0 | 0.0               | 0.683             | 0.603                        | 0.0 | 1.0   | 37.7 | 64.3 | -15.2 | 66.1 | 346               | 1.0          | 0.0          | 0.683        |  |  |  |  |
| 369 | 350        | 347        | 1.0        | 0.0              | 0.666                        | 45.9 | 76.2 | 12.8 | 77.2 | 369 | 0.681 | 0.0               | 1.0                          | 39.8 | 68.0 | -11.9 | 69.1 | 350 | 1.0 | 0.0               | 0.667             | 0.619                        | 0.0 | 1.0   | 38.0 | 65.2 | -14.3 | 66.7 | 347               | 1.0          | 0.0          | 0.667        |  |  |  |  |
| 370 | 351        | 348        | 1.0        | 0.0              | 0.65                         | 46.0 | 75.9 | 13.6 | 77.2 | 370 | 0.708 | 0.0               | 1.0                          | 40.6 | 69.2 | -10.9 | 70.1 | 351 | 1.0 | 0.0               | 0.65              | 0.641                        | 0.0 | 1.0   | 38.6 | 66.2 | -13.4 | 67.6 | 348               | 1.0          | 0.0          | 0.65         |  |  |  |  |
| 370 | 352        | 349        | 1.0        | 0.0              | 0.633                        | 46.0 | 75.7 | 14.4 | 77.1 | 370 | 0.735 | 0.0               | 1.0                          | 41.4 | 70.4 | -9.8  | 71.1 | 352 | 1.0 | 0.0               | 0.633             | 0.667                        | 0.0 | 1.0   | 39.3 | 67.4 | -12.4 | 68.5 | 349               | 1.0          | 0.0          | 0.633        |  |  |  |  |
| 371 | 353        | 350        | 1.0        | 0.0              | 0.616                        | 46.0 | 75.5 | 15.2 | 77.1 | 371 | 0.765 | 0.0               | 1.0                          | 42.1 | 71.6 | -8.7  | 72.1 | 353 | 1.0 | 0.0               | 0.617             | 0.692                        | 0.0 | 1.0   | 40.1 | 68.5 | -11.5 | 69.5 | 350               | 1.0          | 0.0          | 0.617        |  |  |  |  |
| 372 | 354        | 351        | 1.0        | 0.0              | 0.6                          | 45.9 | 75.4 | 16.1 | 77.1 | 372 | 0.8   | 0.0               | 1.0                          | 42.8 | 72.7 | -7.5  | 73.1 | 354 | 1.0 | 0.0               | 0.6               | 0.717                        | 0.0 | 1.0   | 40.9 | 69.6 | -10.5 | 70.4 | 351               | 1.0          | 0.0          | 0.6          |  |  |  |  |
| 372 | 355        | 352        | 1.0        | 0.0              | 0.583                        | 45.9 | 75.2 | 16.9 | 77.1 | 372 | 0.835 | 0.0               | 1.0                          | 43.5 | 73.9 | -6.4  | 74.2 | 355 | 1.0 | 0.0               | 0.583             | 0.743                        | 0.0 | 1.0   | 41.6 | 70.7 | -9.5  | 71.4 | 352               | 1.0          | 0.0          | 0.583        |  |  |  |  |
| 373 | 356        | 353        | 1.0        | 0.0              | 0.566                        | 45.9 | 75.0 | 17.8 | 77.1 | 373 | 0.87  | 0.0               | 1.0                          | 44.2 | 75.0 | -5.1  | 75.2 | 356 | 1.0 | 0.0               | 0.567             | 0.774                        | 0.0 | 1.0   | 42.3 | 71.9 | -8.4  | 72.4 | 353               | 1.0          | 0.0          | 0.567        |  |  |  |  |
| 374 | 357        | 354        | 1.0        | 0.0              | 0.55                         | 45.9 | 74.8 | 18.6 | 77.1 | 374 | 0.904 | 0.0               | 1.0                          | 44.7 | 76.2 | -3.9  | 76.3 | 357 | 1.0 | 0.0               | 0.55              | 0.807                        | 0.0 | 1.0   | 42.9 | 73.0 | -7.3  | 73.3 | 354               | 1.0          | 0.0          | 0.55         |  |  |  |  |
| 374 | 358        | 355        | 1.0        | 0.0              | 0.533                        | 45.9 | 74.6 | 19.5 | 77.1 | 374 | 0.938 | 0.0               | 1.0                          | 45.2 | 77.3 | -2.6  | 77.3 | 358 | 1.0 | 0.0               | 0.533             | 0.84                         | 0.0 | 1.0   | 43.6 | 74.1 | -6.2  | 74.3 | 355               | 1.0          | 0.0          | 0.533        |  |  |  |  |
| 375 | 359        | 356        | 1.0        | 0.0              | 0.516                        | 45.9 | 74.4 | 20.3 | 77.1 | 375 | 0.971 | 0.0               | 1.0                          | 45.7 | 78.4 | -1.3  | 78.4 | 359 | 1.0 | 0.0               | 0.517             | 0.873                        | 0.0 | 1.0   | 44.2 | 75.1 | -5.0  | 75.3 | 356               | 1.0          | 0.0          | 0.517        |  |  |  |  |
| 375 | 360        | 352        | 1.0        | 0.0              | 0.5                          | 45.9 | 74.2 | 21.1 | 77.1 | 375 | 1.0   | 0.0               | 0.994                        | 46.1 | 79.3 | 0.0   | 79.3 | 360 | 1.0 | 0.0               | 0.5               | 0.736                        | 0.0 | 1.0   | 41.4 | 70.5 | -9.7  | 71.1 | 352               | 1.0          | 0.0          | 0.5          |  |  |  |  |
| 376 | 361        | 353        | 1.0        | 0.0              | 0.483                        | 45.8 | 74.1 | 22.1 | 77.3 | 376 | 1.0   | 0.0               | 0.955                        | 46.1 | 79.0 | 1.4   | 79.0 | 361 | 1.0 | 0.0               | 0.483             | 0.771                        | 0.0 | 1.0   | 42.2 | 71.8 | -8.5  | 72.3 | 353               | 1.0          | 0.0          | 0.483        |  |  |  |  |
| 377 | 362        | 354        | 1.0        | 0.0              | 0.466                        | 45.8 | 73.9 | 23.1 | 77.4 | 377 | 1.0   | 0.0               | 0.916                        | 46.0 | 78.6 | 2.7   | 78.7 | 362 | 1.0 | 0.0               | 0.467             | 0.81                         | 0.0 | 1.0   | 43.0 | 73.1 | -7.2  | 73.4 | 354               | 1.0          | 0.0          | 0.467        |  |  |  |  |
| 378 | 363        | 355        | 1.0        | 0.0              | 0.45                         | 45.8 | 73.8 | 24.0 | 77.6 | 378 | 1.0   | 0.0               | 0.876                        | 46.0 | 78.3 | 4.1   | 78.4 | 363 | 1.0 | 0.0               | 0.45              | 0.849                        | 0.0 | 1.0   | 43.8 | 74.4 | -5.9  | 74.6 | 355               | 1.0          | 0.0          | 0.45         |  |  |  |  |
| 378 | 364        | 356        | 1.0        | 0.0              | 0.433                        | 45.8 | 73.6 | 25.0 | 77.7 | 378 | 1.0   | 0.0               | 0.839                        | 46.0 | 78.0 | 5.5   | 78.2 | 364 | 1.0 | 0.0               | 0.433             | 0.887                        | 0.0 | 1.0   | 44.4 | 75.6 | -4.5  | 75.8 | 356               | 1.0          | 0.0          | 0.433        |  |  |  |  |
| 379 | 365        | 357        | 1.0        | 0.0              | 0.416                        | 45.8 | 73.4 | 25.9 | 77.9 | 379 | 1.0   | 0.0               | 0.802                        | 46.0 | 77.7 | 6.8   | 78.0 | 365 | 1.0 | 0.0               | 0.417             | 0.925                        | 0.0 | 1.0   | 45.0 | 76.9 | -3.1  | 77.0 | 357               | 1.0          | 0.0          | 0.417        |  |  |  |  |
| 380 | 366        | 358        | 1.0        | 0.0              | 0.4                          | 45.8 | 73.2 | 26.9 | 78.0 | 380 | 1.0   | 0.0               | 0.765                        | 46.0 | 77.3 | 8.1   | 77.8 | 366 | 1.0 | 0.0               | 0.4               | 0.963                        | 0.0 | 1.0   | 45.6 | 78.1 | -1.6  | 78.1 | 358               | 1.0          | 0.0          | 0.4          |  |  |  |  |
| 380 | 367        | 359        | 1.0        | 0.0              | 0.383                        | 45.8 | 73.0 | 27.8 | 78.2 | 380 | 1.0   | 0.0               | 0.734                        | 46.0 | 77.0 | 9.5   | 77.6 | 367 | 1.0 | 0.0               | 0.383             | 1.0                          | 0.0 | 1.0   | 46.1 | 79.3 | -0.1  | 79.3 | 359               | 1.0          | 0.0          | 0.383        |  |  |  |  |
| 381 | 368        | 360        | 1.0        | 0.0              | 0.366                        | 45.8 | 72.9 | 28.7 | 78.4 | 381 | 1.0   | 0.0               | 0.708                        | 46.0 | 76.7 | 10.8  | 77.5 | 368 | 1.0 | 0.0               | 0.367             | 1.0                          | 0.0 | 0.956 | 46.1 | 79.0 | 1.3   | 79.0 | 360               | 1.0          | 0.0          | 0.367        |  |  |  |  |
| 382 | 369        | 362        | 1.0        | 0.0              | 0.35                         | 45.8 | 72.8 | 29.6 | 78.6 | 382 | 1.0   | 0.0               | 0.681                        | 46.0 | 76.4 | 12.1  | 77.4 | 369 | 1.0 | 0.0               | 0.35              | 1.0                          | 0.0 | 0.912 | 46.0 | 78.6 | 2.9   | 78.7 | 362               | 1.0          | 0.0          | 0.35         |  |  |  |  |
| 382 | 370        | 363        | 1.0        | 0.0              | 0.333                        | 45.7 | 72.7 | 30.4 | 78.8 | 382 | 1.0   | 0.0               | 0.655                        | 46.0 | 76.1 | 13.4  | 77.2 | 370 | 1.0 | 0.0               | 0.333             | 1.0                          | 0.0 | 0.869 | 46.0 | 78.2 | 4.4   | 78.3 | 363               | 1.0          | 0.0          | 0.333        |  |  |  |  |
| 383 | 371        | 364        | 1.0        | 0.0              | 0.316                        | 45.7 | 72.6 | 31.2 | 79.1 | 383 | 1.0   | 0.0               | 0.628                        | 46.0 | 75.7 | 14.7  | 77.1 | 371 | 1.0 | 0.0               | 0.317             | 1.0                          | 0.0 | 0.828 | 46.0 | 77.9 | 5.9   | 78.1 | 364               | 1.0          | 0.0          | 0.317        |  |  |  |  |
| 383 | 372        | 365        | 1.0        | 0.0              | 0.3                          | 45.7 | 72.5 | 32.1 | 79.3 | 383 | 1.0   | 0.0               | 0.602                        | 46.0 | 75.4 | 16.0  | 77.1 | 372 | 1.0 | 0.0               | 0.3               | 1.0                          | 0.0 | 0.786 | 46.0 | 77.5 | 7.4   | 77.9 | 365               | 1.0          | 0.0          | 0.3          |  |  |  |  |
| 384 | 373        | 366        | 1.0        | 0.0              | 0.283                        | 45.6 | 72.4 | 32.9 | 79.6 | 384 | 1.0   | 0.0               | 0.576                        | 46.0 | 75.2 | 17.4  | 77.1 | 373 | 1.0 | 0.0               | 0.283             | 1.0                          | 0.0 | 0.746 | 46.0 | 77.1 | 8.8   | 77.7 | 366               | 1.0          | 0.0          | 0.283        |  |  |  |  |
| 385 | 374        | 367        | 1.0        | 0.0              | 0.266                        | 45.6 | 72.3 | 33.8 | 79.8 | 385 | 1.0   | 0.0               | 0.55                         | 45.9 | 74.9 | 18.7  | 77.2 | 374 | 1.0 | 0.0               | 0.267             | 1.0                          | 0.0 | 0.717 | 46.0 | 76.8 | 10.3  | 77.5 | 367               | 1.0          | 0.0          | 0.267        |  |  |  |  |
| 385 | 375        | 368        | 1.0        | 0.0              | 0.25                         | 45.6 | 72.1 | 34.6 | 80.0 | 385 | 1.0   | 0.0               | 0.524                        | 45.9 | 74.5 | 20.0  | 77.2 | 375 | 1.0 | 0.0               | 0.25              | 1.0                          | 0.0 | 0.687 | 46.0 | 76.5 | 11.8  | 77.4 | 368               | 1.0          | 0.0          | 0.25         |  |  |  |  |
| 386 | 376        | 369        | 1.0        | 0.0              | 0.233                        | 45.6 | 72.1 | 35.3 | 80.3 | 386 | 1.0   | 0.0               | 0.498                        | 45.9 | 74.2 | 21.3  | 77.2 | 376 | 1.0 | 0.0               | 0.233             | 1.0                          | 0.0 | 0.658 | 46.0 | 76.1 | 13.3  | 77.2 | 369               | 1.0          | 0.0          | 0.233        |  |  |  |  |
| 386 | 377        | 370        | 1.0        | 0.0              | 0.216                        | 45.6 | 72.0 | 36.1 | 80.5 | 386 | 1.0   | 0.0               | 0.475                        | 45.9 | 74.0 | 22.6  | 77.4 | 377 | 1.0 | 0.0               | 0.217             | 1.0                          | 0.0 | 0.628 | 46.0 | 75.7 | 14.7  | 77.1 | 370               | 1.0          | 0.0          | 0.217        |  |  |  |  |
| 387 | 378        | 372        | 1.0        | 0.0              | 0.2                          | 45.6 | 71.9 | 36.8 | 80.8 | 387 | 1.0   | 0.0               | 0.451                        | 45.9 | 73.8 | 24.0  | 77.6 | 378 | 1.0 | 0.0               | 0.2               | 1.0                          | 0.0 | 0.599 | 46.0 | 75.4 | 16.2  | 77.1 | 372               | 1.0          | 0.0          | 0.2          |  |  |  |  |
| 387 | 379        | 373        | 1.0        | 0.0              | 0.183                        | 45.5 | 71.8 | 37.5 | 81.0 | 387 | 1.0   | 0.0               | 0.428                        | 45.9 | 73.6 | 25.3  | 77.8 | 379 | 1.0 | 0.0               | 0.183             | 1.0                          | 0.0 | 0.57  | 46.0 | 75.1 | 17.6  | 77.1 | 373               | 1.0          | 0.0          | 0.183        |  |  |  |  |
| 388 | 380        | 374        | 1.0        | 0.0              | 0.166                        | 45.5 | 71.7 | 38.2 | 81.3 | 388 | 1.0   | 0.0               | 0.404                        | 45.9 | 73.3 | 26.7  | 78.0 | 380 | 1.0 | 0.0               | 0.167             | 1.0                          |     |       |      |      |       |      |                   |              |              |              |  |  |  |  |

2-1031631-L0 RS370-72 LAB\*la0, YN=0%, XYZnw=3.6, 4.2, 6.1, 85.4, 89.1, 104.8, LAB\*nw=24.4, 0.0, 0.0, 95.6, 0.0, 0.0

salida: Offset standard print; separation cmy0\*, D65, página 17/33

gráfico TUB-RS37; código de tono:  $H^*_d=B50R_d$   
círculo de tono, 48 pasos;  $rgb-LabCh^*$ mesas

entrada:  $rgb/cmyk \rightarrow rgb_{dd}$   
salida: 3D-linealización a  $cmy0^*_{dd}$

TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)  
TUB material: code=rha4ta





TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS  
- aplicación para la medida salida en la impresión offse

TUB material: code=rha4ta  
ión cmy0\* (CMY0)



http://130.149.60.45/~farbmatrik/RS37/RS37L0FA.TXT /PS; 3D-linealización F: 3D-linealización RS37/RS37LS30FA.DAT en archivo (F), página 19/33

[illegible]

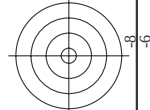
entrada: *rgb/cmyk*  $\rightarrow$  *rgb<sub>dd</sub>*  
salida: 3D-linealización a *cmy0\**<sub>dd</sub>

gráfico TUB-RS37; código de tono: H\*d=B50Rd

2-1031831-F0



vea archivos semejantes: <http://130.149.60.45/~farbmatrik/RS37/RS37.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmatrik>







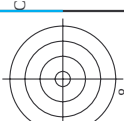




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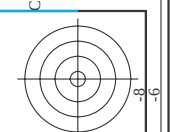
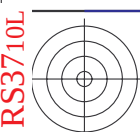


TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS TUB material: code=rha4ta  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)



http://130.149.60.45/~farbmetrik/RS37/RS37L0FA.TXT /.PS; 3D-linealización  
F: 3D-linealización RS37/RS37LS30FA.DAT en archivo (F), página 25/33

| n   | H1C*Fid        | rgb_Fid     | icr_Fid           | hsa_Fid | rgb*Fid   | LabCH*Fid  | cmyn*sep_Fid | cmyn*sep_Fid | rgb*Fid | hsa*Fid | LabCH*Fid  | cmyn*sep_Fid | cmyn*sep_Fid | delta |
|-----|----------------|-------------|-------------------|---------|-----------|------------|--------------|--------------|---------|---------|------------|--------------|--------------|-------|
| 405 | R00Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 390     | 0.625 0.0 | 37.5 44.3  | 52.4         | 28.0         | 0.0     | 0.0     | 37.5 44.3  | 52.4         | 28.0         | 0.0   |
| 406 | R01Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 379     | 0.625 0.0 | 37.6 44.9  | 50.6         | 27.5         | 0.0     | 0.0     | 37.6 44.9  | 50.6         | 27.5         | 0.0   |
| 407 | R02Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 367     | 0.625 0.0 | 37.7 45.6  | 48.8         | 27.0         | 0.0     | 0.0     | 37.7 45.6  | 48.8         | 27.0         | 0.0   |
| 408 | R03Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 353     | 0.625 0.0 | 37.8 47.2  | 46.1         | 26.4         | 0.0     | 0.0     | 37.8 47.2  | 46.1         | 26.4         | 0.0   |
| 409 | R04Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 341     | 0.625 0.0 | 37.9 48.6  | 43.7         | 25.9         | 0.0     | 0.0     | 37.9 48.6  | 43.7         | 25.9         | 0.0   |
| 410 | R05Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 330     | 0.625 0.0 | 38.0 50.1  | 41.6         | 25.4         | 0.0     | 0.0     | 38.0 50.1  | 41.6         | 25.4         | 0.0   |
| 411 | R06Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 320     | 0.625 0.0 | 38.1 51.6  | 39.6         | 24.9         | 0.0     | 0.0     | 38.1 51.6  | 39.6         | 24.9         | 0.0   |
| 412 | R07Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 311     | 0.625 0.0 | 38.2 53.1  | 38.1         | 24.4         | 0.0     | 0.0     | 38.2 53.1  | 38.1         | 24.4         | 0.0   |
| 413 | R08Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 303     | 0.625 0.0 | 38.3 54.6  | 36.9         | 23.9         | 0.0     | 0.0     | 38.3 54.6  | 36.9         | 23.9         | 0.0   |
| 414 | R09Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 296     | 0.625 0.0 | 38.4 56.1  | 35.8         | 23.4         | 0.0     | 0.0     | 38.4 56.1  | 35.8         | 23.4         | 0.0   |
| 415 | R10Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 290     | 0.625 0.0 | 38.5 57.6  | 34.7         | 22.9         | 0.0     | 0.0     | 38.5 57.6  | 34.7         | 22.9         | 0.0   |
| 416 | R11Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 284     | 0.625 0.0 | 38.6 59.1  | 33.6         | 22.4         | 0.0     | 0.0     | 38.6 59.1  | 33.6         | 22.4         | 0.0   |
| 417 | R12Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 279     | 0.625 0.0 | 38.7 60.6  | 32.5         | 21.9         | 0.0     | 0.0     | 38.7 60.6  | 32.5         | 21.9         | 0.0   |
| 418 | R13Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 274     | 0.625 0.0 | 38.8 62.1  | 31.4         | 21.4         | 0.0     | 0.0     | 38.8 62.1  | 31.4         | 21.4         | 0.0   |
| 419 | R14Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 269     | 0.625 0.0 | 38.9 63.6  | 30.3         | 20.9         | 0.0     | 0.0     | 38.9 63.6  | 30.3         | 20.9         | 0.0   |
| 420 | R15Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 264     | 0.625 0.0 | 39.0 65.1  | 29.2         | 20.4         | 0.0     | 0.0     | 39.0 65.1  | 29.2         | 20.4         | 0.0   |
| 421 | R16Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 259     | 0.625 0.0 | 39.1 66.6  | 28.1         | 19.9         | 0.0     | 0.0     | 39.1 66.6  | 28.1         | 19.9         | 0.0   |
| 422 | R17Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 254     | 0.625 0.0 | 39.2 68.1  | 27.0         | 19.4         | 0.0     | 0.0     | 39.2 68.1  | 27.0         | 19.4         | 0.0   |
| 423 | R18Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 249     | 0.625 0.0 | 39.3 69.6  | 25.9         | 18.9         | 0.0     | 0.0     | 39.3 69.6  | 25.9         | 18.9         | 0.0   |
| 424 | R19Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 244     | 0.625 0.0 | 39.4 71.1  | 24.8         | 18.4         | 0.0     | 0.0     | 39.4 71.1  | 24.8         | 18.4         | 0.0   |
| 425 | R20Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 239     | 0.625 0.0 | 39.5 72.6  | 23.7         | 17.9         | 0.0     | 0.0     | 39.5 72.6  | 23.7         | 17.9         | 0.0   |
| 426 | R21Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 234     | 0.625 0.0 | 39.6 74.1  | 22.6         | 17.4         | 0.0     | 0.0     | 39.6 74.1  | 22.6         | 17.4         | 0.0   |
| 427 | R22Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 229     | 0.625 0.0 | 39.7 75.6  | 21.5         | 16.9         | 0.0     | 0.0     | 39.7 75.6  | 21.5         | 16.9         | 0.0   |
| 428 | R23Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 224     | 0.625 0.0 | 39.8 77.1  | 20.4         | 16.4         | 0.0     | 0.0     | 39.8 77.1  | 20.4         | 16.4         | 0.0   |
| 429 | R24Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 219     | 0.625 0.0 | 39.9 78.6  | 19.3         | 15.9         | 0.0     | 0.0     | 39.9 78.6  | 19.3         | 15.9         | 0.0   |
| 430 | R25Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 214     | 0.625 0.0 | 40.0 80.1  | 18.2         | 15.4         | 0.0     | 0.0     | 40.0 80.1  | 18.2         | 15.4         | 0.0   |
| 431 | R26Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 209     | 0.625 0.0 | 40.1 81.6  | 17.1         | 14.9         | 0.0     | 0.0     | 40.1 81.6  | 17.1         | 14.9         | 0.0   |
| 432 | R27Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 204     | 0.625 0.0 | 40.2 83.1  | 16.0         | 14.4         | 0.0     | 0.0     | 40.2 83.1  | 16.0         | 14.4         | 0.0   |
| 433 | R28Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 199     | 0.625 0.0 | 40.3 84.6  | 14.9         | 13.9         | 0.0     | 0.0     | 40.3 84.6  | 14.9         | 13.9         | 0.0   |
| 434 | R29Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 194     | 0.625 0.0 | 40.4 86.1  | 13.8         | 13.4         | 0.0     | 0.0     | 40.4 86.1  | 13.8         | 13.4         | 0.0   |
| 435 | R30Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 189     | 0.625 0.0 | 40.5 87.6  | 12.7         | 12.9         | 0.0     | 0.0     | 40.5 87.6  | 12.7         | 12.9         | 0.0   |
| 436 | R31Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 184     | 0.625 0.0 | 40.6 89.1  | 11.6         | 12.4         | 0.0     | 0.0     | 40.6 89.1  | 11.6         | 12.4         | 0.0   |
| 437 | R32Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 179     | 0.625 0.0 | 40.7 90.6  | 10.5         | 11.9         | 0.0     | 0.0     | 40.7 90.6  | 10.5         | 11.9         | 0.0   |
| 438 | R33Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 174     | 0.625 0.0 | 40.8 92.1  | 9.4          | 11.4         | 0.0     | 0.0     | 40.8 92.1  | 9.4          | 11.4         | 0.0   |
| 439 | R34Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 169     | 0.625 0.0 | 40.9 93.6  | 8.3          | 10.9         | 0.0     | 0.0     | 40.9 93.6  | 8.3          | 10.9         | 0.0   |
| 440 | R35Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 164     | 0.625 0.0 | 41.0 95.1  | 7.2          | 10.4         | 0.0     | 0.0     | 41.0 95.1  | 7.2          | 10.4         | 0.0   |
| 441 | R36Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 159     | 0.625 0.0 | 41.1 96.6  | 6.1          | 9.9          | 0.0     | 0.0     | 41.1 96.6  | 6.1          | 9.9          | 0.0   |
| 442 | R37Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 154     | 0.625 0.0 | 41.2 98.1  | 5.0          | 9.4          | 0.0     | 0.0     | 41.2 98.1  | 5.0          | 9.4          | 0.0   |
| 443 | R38Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 149     | 0.625 0.0 | 41.3 99.6  | 3.9          | 8.9          | 0.0     | 0.0     | 41.3 99.6  | 3.9          | 8.9          | 0.0   |
| 444 | R39Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 144     | 0.625 0.0 | 41.4 101.1 | 2.8          | 8.4          | 0.0     | 0.0     | 41.4 101.1 | 2.8          | 8.4          | 0.0   |
| 445 | R40Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 139     | 0.625 0.0 | 41.5 102.6 | 1.7          | 7.9          | 0.0     | 0.0     | 41.5 102.6 | 1.7          | 7.9          | 0.0   |
| 446 | R41Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 134     | 0.625 0.0 | 41.6 104.1 | 0.6          | 7.4          | 0.0     | 0.0     | 41.6 104.1 | 0.6          | 7.4          | 0.0   |
| 447 | R42Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 129     | 0.625 0.0 | 41.7 105.6 | -0.5         | 6.9          | 0.0     | 0.0     | 41.7 105.6 | -0.5         | 6.9          | 0.0   |
| 448 | R43Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 124     | 0.625 0.0 | 41.8 107.1 | -1.6         | 6.4          | 0.0     | 0.0     | 41.8 107.1 | -1.6         | 6.4          | 0.0   |
| 449 | R44Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 119     | 0.625 0.0 | 41.9 108.6 | -2.7         | 5.9          | 0.0     | 0.0     | 41.9 108.6 | -2.7         | 5.9          | 0.0   |
| 450 | R45Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 114     | 0.625 0.0 | 42.0 110.1 | -3.8         | 5.4          | 0.0     | 0.0     | 42.0 110.1 | -3.8         | 5.4          | 0.0   |
| 451 | R46Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 109     | 0.625 0.0 | 42.1 111.6 | -4.9         | 4.9          | 0.0     | 0.0     | 42.1 111.6 | -4.9         | 4.9          | 0.0   |
| 452 | R47Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 104     | 0.625 0.0 | 42.2 113.1 | -6.0         | 4.4          | 0.0     | 0.0     | 42.2 113.1 | -6.0         | 4.4          | 0.0   |
| 453 | R48Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 99      | 0.625 0.0 | 42.3 114.6 | -7.1         | 3.9          | 0.0     | 0.0     | 42.3 114.6 | -7.1         | 3.9          | 0.0   |
| 454 | R49Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 94      | 0.625 0.0 | 42.4 116.1 | -8.2         | 3.4          | 0.0     | 0.0     | 42.4 116.1 | -8.2         | 3.4          | 0.0   |
| 455 | R50Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 89      | 0.625 0.0 | 42.5 117.6 | -9.3         | 2.9          | 0.0     | 0.0     | 42.5 117.6 | -9.3         | 2.9          | 0.0   |
| 456 | R51Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 84      | 0.625 0.0 | 42.6 119.1 | -10.4        | 2.4          | 0.0     | 0.0     | 42.6 119.1 | -10.4        | 2.4          | 0.0   |
| 457 | R52Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 79      | 0.625 0.0 | 42.7 120.6 | -11.5        | 1.9          | 0.0     | 0.0     | 42.7 120.6 | -11.5        | 1.9          | 0.0   |
| 458 | R53Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 74      | 0.625 0.0 | 42.8 122.1 | -12.6        | 1.4          | 0.0     | 0.0     | 42.8 122.1 | -12.6        | 1.4          | 0.0   |
| 459 | R54Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 69      | 0.625 0.0 | 42.9 123.6 | -13.7        | 0.9          | 0.0     | 0.0     | 42.9 123.6 | -13.7        | 0.9          | 0.0   |
| 460 | R55Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 64      | 0.625 0.0 | 43.0 125.1 | -14.8        | 0.4          | 0.0     | 0.0     | 43.0 125.1 | -14.8        | 0.4          | 0.0   |
| 461 | R56Y.062.062ad | 0.625 0.0   | 0.625 0.625 0.312 | 59      | 0.625 0.0 | 43.1 126.6 | -15.9        | -0.1         | 0.0     | 0.0     | 43.1 126.6 | -15.9        | -0.1         | 0.0   |
| 462 | R57Y.062.062ad | 0.625 0.0</ |                   |         |           |            |              |              |         |         |            |              |              |       |



http://130.149.60.45/~farbmetrik/RS37/RS37L0FA.TXT /.PS; 3D-linealización  
F: 3D-linealización RS37/RS37LS30FA.DAT en archivo (F), página 26/33

| n   | H1C*Fid        | rgb_Fid | ic1_Fid | hsa_Fid | rgb*Fid | LabCH*Fid | cmyn*sep_Fid | hsa_Mid | rgb_Mid | LabCH*Mid | delta |
|-----|----------------|---------|---------|---------|---------|-----------|--------------|---------|---------|-----------|-------|
| 486 | R00Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 487 | R35Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 488 | R10Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 489 | R00Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 490 | B65R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 491 | B57R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 492 | B50R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 493 | B43R.087.087ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 494 | B38R.100.100ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 495 | R15Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 496 | R10Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 497 | R35Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 498 | R10Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 499 | B65R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 500 | B57R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 501 | B50R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 502 | B43R.087.087ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 503 | B38R.100.100ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 504 | R15Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 505 | R10Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 506 | R35Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 507 | R10Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 508 | B65R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 509 | B57R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 510 | B50R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 511 | B43R.087.087ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 512 | B38R.100.100ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 513 | R15Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 514 | R10Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 515 | R35Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 516 | R10Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 517 | B65R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 518 | B57R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 519 | B50R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 520 | B43R.087.087ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 521 | B38R.100.100ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 522 | R65Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 523 | R60Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 524 | R55Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 525 | R50Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 526 | R45Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 527 | R40Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 528 | R35Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 529 | R30Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 530 | R25Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 531 | R20Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 532 | R15Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 533 | R10Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 534 | R05Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 535 | R00Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 536 | R00Y.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 537 | B50R.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 538 | B45R.087.087ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 539 | B40R.100.100ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 540 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 541 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 542 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 543 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 544 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 545 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 546 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 547 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 548 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 549 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 550 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 551 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 552 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 553 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 554 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 555 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 556 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 557 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 558 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 559 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 560 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 561 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 562 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 563 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 564 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 565 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |
| 566 | Y00G.075.075ad | 0.75    | 0.0     | 0.0     | 0.0     | 40.2      | 33.6         | 62.9    | 0.0     | 0.0       | 32.3  |

entrada: rgb/cmyk -> rgbd  
salida: 3D-linealización a cmy0\*dd

gráfico TUB-RS37; código de tono: H\*d=B50Rd  
colores y diferencia en color, ΔE\*

2-1032531-F0

RS37-7N; 2633-F

http://130.149.60.45/~farbmetrik/RS37/RS37L0FA.TXT /.PS; 3D-linealización  
F: 3D-linealización RS37/RS37LS30FA.DAT en archivo (F), página 27/33

TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS TUB material: code=rha4ta  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)

| n   | HIC*Fid        | rgb_Fid     | icr_Fid           | hsa_Fid | rgb*Fid     | LabCh*Fid     | cmyn*sep_Fid | cmyn*sep_Fid | rgb*Fid | hsa_Fid     | LabCh*Fid     | delta |
|-----|----------------|-------------|-------------------|---------|-------------|---------------|--------------|--------------|---------|-------------|---------------|-------|
| 567 | R00Y.087.087Ad | 0.875 0.0   | 0.875 0.875 0.437 | 390     | 0.875 0.0   | 0.0 42.8 62.0 | 0.171 0.983  | 0.171 0.983  | 0.0 0.0 | 0.983 0.0   | 0.0 45.4 70.9 | 32.3  |
| 568 | R36Y.087.087Ad | 0.875 0.0   | 0.875 0.875 0.437 | 382     | 0.875 0.0   | 0.0 42.8 62.0 | 0.171 0.983  | 0.171 0.983  | 0.0 0.0 | 0.983 0.0   | 0.0 45.4 70.9 | 32.3  |
| 569 | R23Y.087.087Ad | 0.875 0.0   | 0.875 0.875 0.437 | 374     | 0.875 0.0   | 0.0 42.8 62.0 | 0.171 0.983  | 0.171 0.983  | 0.0 0.0 | 0.983 0.0   | 0.0 45.4 70.9 | 32.3  |
| 570 | R30Y.087.087Ad | 0.875 0.0   | 0.875 0.875 0.437 | 365     | 0.875 0.0   | 0.0 42.8 62.0 | 0.171 0.983  | 0.171 0.983  | 0.0 0.0 | 0.983 0.0   | 0.0 45.4 70.9 | 32.3  |
| 571 | B70R.087.087Ad | 0.875 0.0   | 0.875 0.875 0.437 | 355     | 0.875 0.0   | 0.0 42.8 62.0 | 0.171 0.983  | 0.171 0.983  | 0.0 0.0 | 0.983 0.0   | 0.0 45.4 70.9 | 32.3  |
| 572 | B63K.087.087Ad | 0.875 0.0   | 0.875 0.875 0.437 | 346     | 0.875 0.0   | 0.0 42.8 62.0 | 0.171 0.983  | 0.171 0.983  | 0.0 0.0 | 0.983 0.0   | 0.0 45.4 70.9 | 32.3  |
| 573 | B56R.087.087Ad | 0.875 0.0   | 0.875 0.875 0.437 | 338     | 0.875 0.0   | 0.0 42.8 62.0 | 0.171 0.983  | 0.171 0.983  | 0.0 0.0 | 0.983 0.0   | 0.0 45.4 70.9 | 32.3  |
| 574 | B50R.087.087Ad | 0.875 0.0   | 0.875 0.875 0.437 | 330     | 0.875 0.0   | 0.0 42.8 62.0 | 0.171 0.983  | 0.171 0.983  | 0.0 0.0 | 0.983 0.0   | 0.0 45.4 70.9 | 32.3  |
| 575 | B44R.100.100Ad | 0.875 0.0   | 1.0 1.0 0.5       | 323     | 0.883 0.0   | 0.0 44.3 75.4 | 0.115 1.0    | 0.115 1.0    | 0.0 0.0 | 0.883 0.0   | 0.0 44.3 75.4 | 35.3  |
| 576 | R13Y.087.087Ad | 0.875 0.125 | 0.875 0.125       | 38      | 0.875 0.116 | 0.0 46.1 54.3 | 0.172 0.871  | 0.172 0.871  | 0.0 0.0 | 0.133 0.0   | 0.0 44.2 62.1 | 38.7  |
| 577 | R35Y.087.075Ad | 0.875 0.125 | 0.875 0.125       | 390     | 0.875 0.125 | 0.0 46.1 54.3 | 0.172 0.871  | 0.172 0.871  | 0.0 0.0 | 0.133 0.0   | 0.0 44.2 62.1 | 38.7  |
| 578 | R35Y.087.075Ad | 0.875 0.125 | 0.875 0.125       | 382     | 0.875 0.125 | 0.0 46.1 54.3 | 0.172 0.871  | 0.172 0.871  | 0.0 0.0 | 0.133 0.0   | 0.0 44.2 62.1 | 38.7  |
| 579 | R18Y.087.075Ad | 0.875 0.125 | 0.875 0.125       | 371     | 0.875 0.125 | 0.0 46.1 54.3 | 0.172 0.871  | 0.172 0.871  | 0.0 0.0 | 0.133 0.0   | 0.0 44.2 62.1 | 38.7  |
| 580 | R00Y.087.075Ad | 0.875 0.125 | 0.875 0.125       | 360     | 0.875 0.125 | 0.0 46.1 54.3 | 0.172 0.871  | 0.172 0.871  | 0.0 0.0 | 0.133 0.0   | 0.0 44.2 62.1 | 38.7  |
| 581 | B65R.087.075Ad | 0.875 0.125 | 0.875 0.125       | 346     | 0.875 0.125 | 0.0 46.1 54.3 | 0.172 0.871  | 0.172 0.871  | 0.0 0.0 | 0.133 0.0   | 0.0 44.2 62.1 | 38.7  |
| 582 | B57R.087.075Ad | 0.875 0.125 | 0.875 0.125       | 339     | 0.875 0.125 | 0.0 46.1 54.3 | 0.172 0.871  | 0.172 0.871  | 0.0 0.0 | 0.133 0.0   | 0.0 44.2 62.1 | 38.7  |
| 583 | B50R.087.075Ad | 0.875 0.125 | 0.875 0.125       | 330     | 0.875 0.125 | 0.0 46.1 54.3 | 0.172 0.871  | 0.172 0.871  | 0.0 0.0 | 0.133 0.0   | 0.0 44.2 62.1 | 38.7  |
| 584 | B43R.100.087Ad | 0.875 0.125 | 0.875 0.125       | 322     | 0.883 0.125 | 0.0 50.5 65.5 | 0.151 0.994  | 0.151 0.994  | 0.0 0.0 | 0.855 0.151 | 0.0 46.1 79.3 | 35.9  |
| 585 | R26Y.087.087Ad | 0.875 0.25  | 0.875 0.25        | 46      | 0.875 0.233 | 0.0 44.1 48.4 | 0.167 0.753  | 0.167 0.753  | 0.0 0.0 | 0.866 0.167 | 0.0 44.0 74.9 | 50.2  |
| 586 | R15Y.087.087Ad | 0.875 0.25  | 0.875 0.25        | 39      | 0.875 0.233 | 0.0 44.1 48.4 | 0.167 0.753  | 0.167 0.753  | 0.0 0.0 | 0.866 0.167 | 0.0 44.0 74.9 | 50.2  |
| 587 | R00Y.087.062Ad | 0.875 0.25  | 0.875 0.25        | 390     | 0.875 0.25  | 0.0 44.1 48.4 | 0.167 0.753  | 0.167 0.753  | 0.0 0.0 | 0.866 0.167 | 0.0 44.0 74.9 | 50.2  |
| 588 | R00Y.087.062Ad | 0.875 0.25  | 0.875 0.25        | 379     | 0.875 0.25  | 0.0 44.1 48.4 | 0.167 0.753  | 0.167 0.753  | 0.0 0.0 | 0.866 0.167 | 0.0 44.0 74.9 | 50.2  |
| 589 | R11Y.087.062Ad | 0.875 0.25  | 0.875 0.25        | 367     | 0.875 0.25  | 0.0 44.1 48.4 | 0.167 0.753  | 0.167 0.753  | 0.0 0.0 | 0.866 0.167 | 0.0 44.0 74.9 | 50.2  |
| 590 | B60R.087.062Ad | 0.875 0.25  | 0.875 0.25        | 353     | 0.875 0.25  | 0.0 44.1 48.4 | 0.167 0.753  | 0.167 0.753  | 0.0 0.0 | 0.866 0.167 | 0.0 44.0 74.9 | 50.2  |
| 591 | B59R.087.062Ad | 0.875 0.25  | 0.875 0.25        | 341     | 0.875 0.25  | 0.0 44.1 48.4 | 0.167 0.753  | 0.167 0.753  | 0.0 0.0 | 0.866 0.167 | 0.0 44.0 74.9 | 50.2  |
| 592 | B50R.087.062Ad | 0.875 0.25  | 0.875 0.25        | 330     | 0.875 0.25  | 0.0 44.1 48.4 | 0.167 0.753  | 0.167 0.753  | 0.0 0.0 | 0.866 0.167 | 0.0 44.0 74.9 | 50.2  |
| 593 | B42R.100.075Ad | 0.875 0.25  | 1.0 1.0 0.5       | 321     | 0.887 0.25  | 0.0 56.7 55.7 | 0.052 0.954  | 0.052 0.954  | 0.0 0.0 | 0.862 0.052 | 0.0 43.7 74.3 | 35.4  |
| 594 | R11Y.087.075Ad | 0.875 0.375 | 0.875 0.375       | 55      | 0.875 0.364 | 0.0 57.4 34.3 | 0.163 0.637  | 0.163 0.637  | 0.0 0.0 | 0.416 0.163 | 0.0 46.1 74.3 | 59.4  |
| 595 | R31Y.087.075Ad | 0.875 0.375 | 0.875 0.375       | 49      | 0.875 0.364 | 0.0 57.4 34.3 | 0.163 0.637  | 0.163 0.637  | 0.0 0.0 | 0.416 0.163 | 0.0 46.1 74.3 | 59.4  |
| 596 | R10Y.087.062Ad | 0.875 0.375 | 0.875 0.375       | 390     | 0.875 0.364 | 0.0 57.4 34.3 | 0.163 0.637  | 0.163 0.637  | 0.0 0.0 | 0.416 0.163 | 0.0 46.1 74.3 | 59.4  |
| 597 | R00Y.087.050Ad | 0.875 0.375 | 0.875 0.375       | 376     | 0.875 0.364 | 0.0 57.4 34.3 | 0.163 0.637  | 0.163 0.637  | 0.0 0.0 | 0.416 0.163 | 0.0 46.1 74.3 | 59.4  |
| 598 | R26Y.087.050Ad | 0.875 0.375 | 0.875 0.375       | 365     | 0.875 0.364 | 0.0 57.4 34.3 | 0.163 0.637  | 0.163 0.637  | 0.0 0.0 | 0.416 0.163 | 0.0 46.1 74.3 | 59.4  |
| 599 | R10Y.087.050Ad | 0.875 0.375 | 0.875 0.375       | 360     | 0.875 0.364 | 0.0 57.4 34.3 | 0.163 0.637  | 0.163 0.637  | 0.0 0.0 | 0.416 0.163 | 0.0 46.1 74.3 | 59.4  |
| 600 | B61R.087.050Ad | 0.875 0.375 | 0.875 0.375       | 344     | 0.875 0.375 | 0.0 57.4 34.3 | 0.163 0.637  | 0.163 0.637  | 0.0 0.0 | 0.416 0.163 | 0.0 46.1 74.3 | 59.4  |
| 601 | B50R.087.050Ad | 0.875 0.375 | 0.875 0.375       | 330     | 0.875 0.375 | 0.0 57.4 34.3 | 0.163 0.637  | 0.163 0.637  | 0.0 0.0 | 0.416 0.163 | 0.0 46.1 74.3 | 59.4  |
| 602 | B40R.100.062Ad | 0.875 0.375 | 1.0 1.0 0.5       | 319     | 0.885 0.375 | 0.0 62.8 45.8 | 0.039 0.358  | 0.039 0.358  | 0.0 0.0 | 0.816 0.039 | 0.0 46.1 79.3 | 35.8  |
| 603 | R38Y.087.087Ad | 0.875 0.5   | 0.875 0.5         | 65      | 0.875 0.51  | 0.0 64.0 17.7 | 0.157 0.477  | 0.157 0.477  | 0.0 0.0 | 0.583 0.157 | 0.0 69.7 73.4 | 77.8  |
| 604 | R50Y.087.075Ad | 0.875 0.5   | 0.875 0.5         | 60      | 0.875 0.5   | 0.0 64.0 17.7 | 0.157 0.477  | 0.157 0.477  | 0.0 0.0 | 0.583 0.157 | 0.0 69.7 73.4 | 77.8  |
| 605 | R38Y.087.062Ad | 0.875 0.5   | 0.875 0.5         | 53      | 0.875 0.489 | 0.0 64.1 21.7 | 0.157 0.477  | 0.157 0.477  | 0.0 0.0 | 0.583 0.157 | 0.0 69.7 73.4 | 77.8  |
| 606 | R23Y.087.050Ad | 0.875 0.5   | 0.875 0.5         | 44      | 0.875 0.491 | 0.0 64.1 21.7 | 0.157 0.477  | 0.157 0.477  | 0.0 0.0 | 0.583 0.157 | 0.0 69.7 73.4 | 77.8  |
| 607 | R00Y.087.037Ad | 0.875 0.5   | 0.875 0.5         | 390     | 0.875 0.491 | 0.0 64.1 21.7 | 0.157 0.477  | 0.157 0.477  | 0.0 0.0 | 0.583 0.157 | 0.0 69.7 73.4 | 77.8  |
| 608 | R18Y.087.037Ad | 0.875 0.5   | 0.875 0.5         | 371     | 0.875 0.491 | 0.0 64.1 21.7 | 0.157 0.477  | 0.157 0.477  | 0.0 0.0 | 0.583 0.157 | 0.0 69.7 73.4 | 77.8  |
| 609 | B65R.087.037Ad | 0.875 0.5   | 0.875 0.5         | 349     | 0.875 0.5   | 0.0 64.1 21.7 | 0.157 0.477  | 0.157 0.477  | 0.0 0.0 | 0.583 0.157 | 0.0 69.7 73.4 | 77.8  |
| 610 | B50R.087.037Ad | 0.875 0.5   | 0.875 0.5         | 336     | 0.875 0.5   | 0.0 64.1 21.7 | 0.157 0.477  | 0.157 0.477  | 0.0 0.0 | 0.583 0.157 | 0.0 69.7 73.4 | 77.8  |
| 611 | B38R.100.050Ad | 0.875 0.5   | 1.0 1.0 0.5       | 316     | 0.883 0.5   | 0.0 70.5 68.8 | 0.035 0.353  | 0.035 0.353  | 0.0 0.0 | 0.816 0.035 | 0.0 46.1 79.3 | 35.8  |
| 612 | R73Y.087.087Ad | 0.875 0.625 | 0.875 0.625       | 74      | 0.875 0.641 | 0.0 70.5 68.8 | 0.035 0.353  | 0.035 0.353  | 0.0 0.0 | 0.816 0.035 | 0.0 46.1 79.3 | 35.8  |
| 613 | R73Y.087.087Ad | 0.875 0.625 | 0.875 0.625       | 66      | 0.875 0.637 | 0.0 71.1 8.2  | 0.035 0.353  | 0.035 0.353  | 0.0 0.0 | 0.816 0.035 | 0.0 46.1 79.3 | 35.8  |
| 614 | R61Y.087.062Ad | 0.875 0.625 | 0.875 0.625       | 60      | 0.875 0.637 | 0.0 71.1 8.2  | 0.035 0.353  | 0.035 0.353  | 0.0 0.0 | 0.816 0.035 | 0.0 46.1 79.3 | 35.8  |
| 615 | R10Y.087.050Ad | 0.875 0.625 | 0.875 0.625       | 60      | 0.875 0.637 | 0.0 71.1 8.2  | 0.035 0.353  | 0.035 0.353  | 0.0 0.0 | 0.816 0.035 | 0.0 46.1 79.3 | 35.8  |
| 616 | R31Y.087.037Ad | 0.875 0.625 | 0.875 0.625       | 49      | 0.875 0.637 | 0.0 71.1 8.2  | 0.035 0.353  | 0.035 0.353  | 0.0 0.0 | 0.816 0.035 | 0.0 46.1 79.3 | 35.8  |
| 617 | R00Y.087.025Ad | 0.875 0.625 | 0.875 0.625       | 390     | 0.875 0.637 | 0.0 71.1 8.2  | 0.035 0.353  | 0.035 0.353  | 0.0 0.0 | 0.816 0.035 | 0.0 46.1 79.3 | 35.8  |
| 618 | R00Y.087.025Ad | 0.875 0.625 | 0.875 0.625       | 360     | 0.875 0.637 | 0.0 71.1 8.2  | 0.035 0.353  | 0.035 0.353  | 0.0 0.0 | 0.816 0.035 | 0.0 46.1 79.3 | 35.8  |
| 619 | B50R.087.025Ad | 0.875 0.625 | 0.875 0.625       | 330     | 0.875 0.637 |               |              |              |         |             |               |       |





http://130.149.60.45/~farbmetrik/RS37/RS37L0FA.TXT /PS; 3D-linealización  
F: 3D-linealización RS37/RS37LS30FA.DAT en archivo (F), página 30/33

TUB matrícula: 20130201-RS37/RS37L0FA.TXT /PS  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)

TUB material: code=rha4ta

entrada: rgb/cmyk -> rgbd  
salida: 3D-linealización a cmy0\*dd

gráfico TUB-RS37; código de tono: H\*d=B50Rd  
colores y diferencia en color, ΔE\*

| n   | HIC*Fid        | rgb_Fid         | icr_Fid     | hsa_Fid         | rgb*Fid     | LabCh*Fid | 0   | cmyn*sep_Fid | delta | hsa_Hid | rgb*Hid     | LabCh*Hid | 0   |
|-----|----------------|-----------------|-------------|-----------------|-------------|-----------|-----|--------------|-------|---------|-------------|-----------|-----|
| 810 | NW_100ad       | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 95.6 3.6  | 0.0 | 0.0          | 0.0   | 360     | 1.0 1.0 1.0 | 95.6 3.6  | 0.0 |
| 811 | BOOR_100.012ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 86.8 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 86.8 3.6  | 0.0 |
| 812 | BOOR_100.025ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 |
| 813 | BOOR_100.037ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 |
| 814 | BOOR_100.050ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 |
| 815 | BOOR_100.062ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 |
| 816 | BOOR_100.075ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 |
| 817 | BOOR_100.087ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 |
| 818 | BOOR_100.100ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 |
| 819 | YOCG_100.012ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 | 0.0          | 0.0   | 360     | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 |
| 820 | NW_087ad       | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 86.7 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 86.7 3.6  | 0.0 |
| 821 | BOOR_087.012ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 |
| 822 | BOOR_087.025ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 |
| 823 | BOOR_087.037ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 |
| 824 | BOOR_087.050ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 |
| 825 | BOOR_087.062ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 |
| 826 | BOOR_087.075ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 |
| 827 | BOOR_087.087ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 |
| 828 | YOCG_100.025ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 | 0.0          | 0.0   | 360     | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 |
| 829 | YOCG_100.037ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 86.7 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 86.7 3.6  | 0.0 |
| 830 | NW_075ad       | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 |
| 831 | BOOR_075.012ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 |
| 832 | BOOR_075.025ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 |
| 833 | BOOR_075.037ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 |
| 834 | BOOR_075.050ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 |
| 835 | BOOR_075.062ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 |
| 836 | BOOR_075.075ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 |
| 837 | YOCG_100.037ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 | 0.0          | 0.0   | 360     | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 |
| 838 | BOOR_087.025ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 86.7 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 86.7 3.6  | 0.0 |
| 839 | YOCG_075.012ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 |
| 840 | NW_062ad       | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 |
| 841 | BOOR_062.012ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 |
| 842 | BOOR_062.025ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 |
| 843 | BOOR_062.037ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 |
| 844 | BOOR_062.050ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 |
| 845 | BOOR_062.062ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 |
| 846 | YOCG_100.050ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 | 0.0          | 0.0   | 360     | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 |
| 847 | YOCG_075.037ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 86.7 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 86.7 3.6  | 0.0 |
| 848 | YOCG_075.025ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 |
| 849 | YOCG_062.012ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 |
| 850 | NW_050ad       | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 |
| 851 | BOOR_050.012ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 |
| 852 | BOOR_050.025ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 |
| 853 | BOOR_050.037ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 |
| 854 | BOOR_050.050ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 |
| 855 | YOCG_100.062ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 | 0.0          | 0.0   | 360     | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 |
| 856 | YOCG_087.050ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 86.7 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 86.7 3.6  | 0.0 |
| 857 | YOCG_075.037ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 77.9 3.6  | 0.0 |
| 858 | YOCG_062.025ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 69.1 3.6  | 0.0 |
| 859 | NW_037ad       | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 60.3 3.6  | 0.0 |
| 860 | BOOR_037.025ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 | 0.0          | 0.0   | 270     | 1.0 1.0 1.0 | 51.5 3.6  | 0.0 |
| 861 | BOOR_037.012ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 | 0.0          | 0.0   | 180     | 1.0 1.0 1.0 | 42.7 3.6  | 0.0 |
| 862 | BOOR_037.037ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 | 0.0          | 0.0   | 90      | 1.0 1.0 1.0 | 33.9 3.6  | 0.0 |
| 863 | BOOR_037.050ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 | 0.0          | 0.0   | 0       | 1.0 1.0 1.0 | 25.1 3.6  | 0.0 |
| 864 | YOCG_100.075ad | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 0.875 0.875 1.0 | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 | 0.0          | 0.0   | 360     | 1.0 1.0 1.0 | 94.6 -1.2 | 0.0 |
| 865 | YOCG_087.062ad | 0.875 0.875 1   |             |                 |             |           |     |              |       |         |             |           |     |



http://130.149.60.45/~farbmetrik/RS37/RS37L0FA.TXT /PS; 3D-linealización  
F: 3D-linealización RS37/RS37LS30FA.DAT en archivo (F), página 31/33

| n   | H1C*Fid        | rgb_Fid | hsl_Fid | hsl_Fid | LabCH_Fid | cmyn*_sep_Fid | hsl_N_did | rgb_N_did | LabCH_N_did | delta |
|-----|----------------|---------|---------|---------|-----------|---------------|-----------|-----------|-------------|-------|
| 891 | NW_1000d       | 1.0     | 1.0     | 1.0     | 95.6      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 892 | B50R_100.0124d | 1.0     | 0.875   | 1.0     | 89.4      | 0.0           | 330       | 1.0       | 46.1        | 79.3  |
| 893 | B50R_100.0254d | 1.0     | 0.75    | 1.0     | 83.2      | 0.0           | 330       | 1.0       | 46.1        | 79.3  |
| 894 | B50R_100.0374d | 1.0     | 0.625   | 1.0     | 77.0      | 0.0           | 330       | 1.0       | 46.1        | 79.3  |
| 895 | B50R_100.0504d | 1.0     | 0.5     | 1.0     | 70.8      | 0.0           | 330       | 1.0       | 46.1        | 79.3  |
| 896 | B50R_100.0624d | 1.0     | 0.375   | 1.0     | 64.6      | 0.0           | 330       | 1.0       | 46.1        | 79.3  |
| 897 | B50R_100.0754d | 1.0     | 0.25    | 1.0     | 58.4      | 0.0           | 330       | 1.0       | 46.1        | 79.3  |
| 898 | B50R_100.0874d | 1.0     | 0.125   | 1.0     | 52.3      | 0.0           | 330       | 1.0       | 46.1        | 79.3  |
| 899 | B50R_100.1004d | 1.0     | 0.0     | 1.0     | 46.1      | 0.0           | 330       | 1.0       | 46.1        | 79.3  |
| 900 | GOB_100.0124d  | 0.875   | 1.0     | 0.875   | 89.9      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 901 | NW_0874d       | 0.875   | 0.875   | 1.0     | 86.7      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 902 | B50R_087.0124d | 0.875   | 0.75    | 0.875   | 80.5      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 903 | B50R_087.0254d | 0.875   | 0.625   | 0.875   | 74.3      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 904 | B50R_087.0374d | 0.875   | 0.5     | 0.875   | 68.1      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 905 | B50R_087.0504d | 0.875   | 0.375   | 0.875   | 61.9      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 906 | B50R_087.0624d | 0.875   | 0.25    | 0.875   | 55.7      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 907 | B50R_087.0754d | 0.875   | 0.125   | 0.875   | 49.5      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 908 | B50R_087.1004d | 0.875   | 0.0     | 0.875   | 43.4      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 909 | GOB_100.0254d  | 0.75    | 1.0     | 0.75    | 84.2      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 910 | GOB_100.0374d  | 0.75    | 0.875   | 1.0     | 81.0      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 911 | NW_0754d       | 0.75    | 0.75    | 1.0     | 77.8      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 912 | B50R_075.0124d | 0.75    | 0.625   | 0.75    | 71.6      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 913 | B50R_075.0254d | 0.75    | 0.5     | 0.75    | 65.4      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 914 | B50R_075.0374d | 0.75    | 0.375   | 0.75    | 59.2      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 915 | B50R_075.0504d | 0.75    | 0.25    | 0.75    | 53.0      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 916 | B50R_075.0624d | 0.75    | 0.125   | 0.75    | 46.8      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 917 | B50R_075.1004d | 0.75    | 0.0     | 0.75    | 40.6      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 918 | GOB_100.0374d  | 0.625   | 1.0     | 0.625   | 78.5      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 919 | GOB_100.0504d  | 0.625   | 0.875   | 1.0     | 75.3      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 920 | GOB_100.0624d  | 0.625   | 0.75    | 1.0     | 72.1      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 921 | GOB_100.1004d  | 0.625   | 0.625   | 1.0     | 68.9      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 922 | B50R_062.0124d | 0.625   | 0.5     | 0.625   | 62.7      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 923 | B50R_062.0254d | 0.625   | 0.375   | 0.625   | 56.5      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 924 | B50R_062.0374d | 0.625   | 0.25    | 0.625   | 50.3      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 925 | B50R_062.0504d | 0.625   | 0.125   | 0.625   | 44.1      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 926 | B50R_062.1004d | 0.625   | 0.0     | 0.625   | 37.9      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 927 | GOB_100.0504d  | 0.5     | 1.0     | 0.5     | 72.8      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 928 | GOB_087.0374d  | 0.5     | 0.875   | 1.0     | 69.6      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 929 | GOB_087.0504d  | 0.5     | 0.75    | 1.0     | 66.4      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 930 | GOB_087.0624d  | 0.5     | 0.625   | 1.0     | 63.2      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 931 | NW_0504d       | 0.5     | 0.5     | 1.0     | 60.0      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 932 | B50R_050.0124d | 0.5     | 0.375   | 0.5     | 53.8      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 933 | B50R_050.0254d | 0.5     | 0.25    | 0.5     | 47.6      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 934 | B50R_050.0374d | 0.5     | 0.125   | 0.5     | 41.4      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 935 | B50R_050.1004d | 0.5     | 0.0     | 0.5     | 35.2      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 936 | GOB_100.0624d  | 0.375   | 1.0     | 0.375   | 67.1      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 937 | GOB_087.0504d  | 0.375   | 0.875   | 1.0     | 63.9      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 938 | GOB_087.0624d  | 0.375   | 0.75    | 1.0     | 60.7      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 939 | GOB_087.1004d  | 0.375   | 0.625   | 1.0     | 57.5      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 940 | NW_0374d       | 0.375   | 0.5     | 1.0     | 54.3      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 941 | B50R_037.0124d | 0.375   | 0.375   | 1.0     | 51.0      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 942 | B50R_037.0254d | 0.375   | 0.25    | 1.0     | 47.8      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 943 | B50R_037.0374d | 0.375   | 0.125   | 1.0     | 44.6      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 944 | B50R_037.1004d | 0.375   | 0.0     | 1.0     | 41.4      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 945 | GOB_100.0754d  | 0.25    | 1.0     | 0.25    | 61.4      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 946 | GOB_087.0624d  | 0.25    | 0.875   | 1.0     | 58.2      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 947 | GOB_087.1004d  | 0.25    | 0.75    | 1.0     | 55.0      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 948 | GOB_062.0374d  | 0.25    | 0.625   | 1.0     | 51.8      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 949 | GOB_050.0254d  | 0.25    | 0.5     | 1.0     | 48.6      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 950 | GOB_037.1004d  | 0.25    | 0.375   | 1.0     | 45.4      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 951 | NW_0254d       | 0.25    | 0.25    | 1.0     | 42.1      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 952 | B50R_025.0124d | 0.25    | 0.125   | 1.0     | 38.9      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 953 | B50R_025.0254d | 0.25    | 0.0     | 1.0     | 35.7      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 954 | GOB_100.0874d  | 0.125   | 1.0     | 0.125   | 55.7      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 955 | GOB_087.0754d  | 0.125   | 0.875   | 1.0     | 52.5      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 956 | GOB_062.0504d  | 0.125   | 0.625   | 1.0     | 49.3      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 957 | GOB_062.1004d  | 0.125   | 0.5     | 1.0     | 46.1      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 958 | GOB_037.0374d  | 0.125   | 0.5     | 1.0     | 42.9      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 959 | GOB_037.0504d  | 0.125   | 0.375   | 1.0     | 39.7      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 960 | GOB_025.0254d  | 0.125   | 0.25    | 1.0     | 36.4      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 961 | NW_0124d       | 0.125   | 0.125   | 1.0     | 33.2      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 962 | B50R_012.0124d | 0.125   | 0.0     | 1.0     | 30.0      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 963 | GOB_100.1004d  | 0.0     | 1.0     | 0.0     | 50.0      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 964 | GOB_087.0874d  | 0.0     | 0.875   | 1.0     | 46.8      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 965 | GOB_075.0754d  | 0.0     | 0.75    | 1.0     | 43.6      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 966 | GOB_062.0624d  | 0.0     | 0.625   | 1.0     | 40.4      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 967 | GOB_050.0504d  | 0.0     | 0.5     | 1.0     | 37.2      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 968 | GOB_037.0374d  | 0.0     | 0.375   | 1.0     | 34.0      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 969 | GOB_025.0254d  | 0.0     | 0.25    | 1.0     | 30.7      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 970 | GOB_012.0124d  | 0.0     | 0.125   | 1.0     | 27.5      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |
| 971 | NW_0004d       | 0.0     | 0.0     | 0.0     | 24.3      | 0.0           | 360       | 1.0       | 95.6        | 0.0   |

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/RS37/RS37L0FA.TXT> /PS; 3D-linealización  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

entrada: *rgb/cmyk* -> *rgbd*  
salida: 3D-linealización a *cmy0\**dd

gráfico TUB-RS37; código de tono: H\*d=B50Rd  
colores y diferencia en color,  $\Delta E^*$



TUB matrícula: 20130201-RS37/RS37L0FA.TXT /.PS TUB material: code=rha4ta  
aplicación para la medida salida en la impresión offset, separación cmy0\* (CMY0)

| n    | HVC*Fid        | rgb_Fid           | ic*_Fid           | hsa_Fid           | rgb*_Fid          | LabCH*_Fid     | cmy0*_sep_Fid     | 0.099 | 0.0 | hsv*_del | rgb*_Mdd    | LabCH*_Mdd     | 0.0  | 0.0  | 0.0   |
|------|----------------|-------------------|-------------------|-------------------|-------------------|----------------|-------------------|-------|-----|----------|-------------|----------------|------|------|-------|
| 1053 | NW_086dd       | 0.866 0.866 0.866 | 0.866 0.866 0.866 | 0.866 0.866 0.866 | 0.866 0.866 0.866 | 86.6 86.6 86.6 | 0.173 0.108 0.099 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1054 | NW_093dd       | 0.933 0.933 0.933 | 0.933 0.933 0.933 | 0.933 0.933 0.933 | 0.933 0.933 0.933 | 90.8 90.8 90.8 | 0.09 0.054 0.05   | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1055 | NW_100dd       | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 24.3 24.3 24.3 | 1.0 1.0 1.0       | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1056 | NW_006dd       | 0.066 0.066 0.066 | 0.066 0.066 0.066 | 0.066 0.066 0.066 | 0.066 0.066 0.066 | 29.0 29.0 29.0 | 0.935 0.855 0.825 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1057 | NW_013dd       | 0.133 0.133 0.133 | 0.133 0.133 0.133 | 0.133 0.133 0.133 | 0.133 0.133 0.133 | 33.8 33.8 33.8 | 0.879 0.763 0.725 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1059 | NW_026dd       | 0.266 0.266 0.266 | 0.266 0.266 0.266 | 0.266 0.266 0.266 | 0.266 0.266 0.266 | 43.3 43.3 43.3 | 0.799 0.661 0.614 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1060 | NW_033dd       | 0.333 0.333 0.333 | 0.333 0.333 0.333 | 0.333 0.333 0.333 | 0.333 0.333 0.333 | 48.1 48.1 48.1 | 0.731 0.571 0.537 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1061 | NW_040dd       | 0.4 0.4 0.4       | 0.4 0.4 0.4       | 0.4 0.4 0.4       | 0.4 0.4 0.4       | 52.8 52.8 52.8 | 0.682 0.507 0.485 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1063 | NW_046dd       | 0.466 0.466 0.466 | 0.466 0.466 0.466 | 0.466 0.466 0.466 | 0.466 0.466 0.466 | 57.5 57.5 57.5 | 0.636 0.454 0.433 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1064 | NW_053dd       | 0.533 0.533 0.533 | 0.533 0.533 0.533 | 0.533 0.533 0.533 | 0.533 0.533 0.533 | 62.3 62.3 62.3 | 0.574 0.404 0.381 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1065 | NW_060dd       | 0.6 0.6 0.6       | 0.6 0.6 0.6       | 0.6 0.6 0.6       | 0.6 0.6 0.6       | 67.1 67.1 67.1 | 0.442 0.285 0.278 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1066 | NW_066dd       | 0.666 0.666 0.666 | 0.666 0.666 0.666 | 0.666 0.666 0.666 | 0.666 0.666 0.666 | 71.8 71.8 71.8 | 0.377 0.228 0.228 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1067 | NW_073dd       | 0.734 0.734 0.734 | 0.734 0.734 0.734 | 0.734 0.734 0.734 | 0.734 0.734 0.734 | 76.6 76.6 76.6 | 0.314 0.191 0.186 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1068 | NW_080dd       | 0.8 0.8 0.8       | 0.8 0.8 0.8       | 0.8 0.8 0.8       | 0.8 0.8 0.8       | 81.3 81.3 81.3 | 0.252 0.153 0.146 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1069 | NW_086dd       | 0.866 0.866 0.866 | 0.866 0.866 0.866 | 0.866 0.866 0.866 | 0.866 0.866 0.866 | 86.0 86.0 86.0 | 0.173 0.108 0.099 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1070 | NW_093dd       | 0.933 0.933 0.933 | 0.933 0.933 0.933 | 0.933 0.933 0.933 | 0.933 0.933 0.933 | 90.8 90.8 90.8 | 0.09 0.054 0.05   | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1071 | NW_100dd       | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 1.0 1.0 1.0       | 24.3 24.3 24.3 | 1.0 1.0 1.0       | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1072 | NW_006dd       | 0.0 0.0 0.0       | 0.0 0.0 0.0       | 0.0 0.0 0.0       | 0.0 0.0 0.0       | 29.0 29.0 29.0 | 0.935 0.855 0.825 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1073 | NW_013dd       | 0.1 0.1 0.1       | 0.1 0.1 0.1       | 0.1 0.1 0.1       | 0.1 0.1 0.1       | 33.8 33.8 33.8 | 0.879 0.763 0.725 | 0.0   | 0.0 | 360      | 1.0 1.0 1.0 | 95.6 95.6 95.6 | 0.0  | 0.0  | 0.0   |
| 1074 | ROY_100_100dd  | 1.0 0.0 0.0       | 1.0 1.0 1.0       | 1.0 0.5 390       | 1.0 1.0 1.0       | 45.4 70.9 44.8 | 0.0 0.0 0.0       | 0.0   | 0.0 | 389      | 1.0 0.0 0.0 | 45.4 70.9 44.8 | 0.0  | 0.0  | 0.0   |
| 1075 | G50B_100_100dd | 0.0 1.0 0.0       | 1.0 1.0 1.0       | 1.0 0.5 210       | 0.0 1.0 1.0       | 56.8 32.3 48.7 | 0.0 0.0 0.0       | 0.0   | 0.0 | 210      | 0.0 1.0 0.0 | 56.8 32.3 48.7 | 0.0  | 0.0  | 0.0   |
| 1076 | Y06B_100_100dd | 0.0 0.0 1.0       | 1.0 1.0 1.0       | 1.0 0.5 90        | 0.0 0.0 1.0       | 29.5 95.4 96.0 | 0.0 0.0 0.0       | 0.0   | 0.0 | 90       | 0.0 0.0 1.0 | 29.5 95.4 96.0 | 0.0  | 0.0  | 0.0   |
| 1077 | B06B_100_100dd | 0.0 1.0 0.0       | 1.0 1.0 1.0       | 1.0 0.5 270       | 0.0 1.0 0.0       | 50.0 35.0 71.4 | 0.999 0.0 0.0     | 0.0   | 0.0 | 270      | 0.0 1.0 0.0 | 50.0 35.0 71.4 | 0.0  | 0.0  | 0.0   |
| 1078 | B06B_100_100dd | 0.0 1.0 0.0       | 1.0 1.0 1.0       | 1.0 0.5 150       | 0.0 1.0 0.0       | 50.0 35.0 71.4 | 0.999 0.0 0.0     | 0.0   | 0.0 | 150      | 0.0 1.0 0.0 | 50.0 35.0 71.4 | 0.0  | 0.0  | 0.0   |
| 1079 | B50R_100_100dd | 1.0 0.0 0.0       | 1.0 1.0 1.0       | 1.0 0.5 330       | 1.0 0.0 0.0       | 46.1 79.3 79.3 | 1.0 1.0 1.0       | 0.0   | 0.0 | 330      | 1.0 0.0 0.0 | 46.1 79.3 79.3 | -0.2 | -0.2 | 359.8 |

delta

vea archivos semejantes: <http://130.149.60.45/~farbmetrik/RS37/RS37.HTM>  
información técnica: <http://www.ps.bam.de> o <http://130.149.60.45/~farbmetrik>

entrada: *rgb/cmyk* -> *rgbdd*  
salida: 3D-linealización a *cmy0\**dd

gráfico TUB-RS37; código de tono: H\*\_d=B50Rd  
colores y diferencia en color,  $\Delta E^*$