

### Input and output:

Colorimetric Printer Reflective System ORS20\_95a  
data for any colour:

$u^*_d$  and number  $no.$  = 00 .. 15

device hue text:

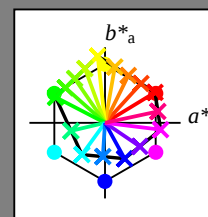
$u^*_d = 16$  hues  $o00y$ ,  $o25y$ , ...,  $m50o$

contrast reduction factor:

$c_R = 1.0$

### ORS20\_95a; adapted (a) CIELAB data

| $u^*_d$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_e$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $o00y$  | 46.89       | 66.19   | 40.28   | 77.48        | 31           | $r09j$  |
| $o25y$  | 57.13       | 47.6    | 52.04   | 70.52        | 48           | $r33j$  |
| $o50y$  | 66.36       | 30.85   | 62.62   | 69.81        | 64           | $r57j$  |
| $o75y$  | 76.18       | 13.03   | 73.89   | 75.03        | 80           | $r81j$  |
| $y00l$  | 88.66       | -9.62   | 88.21   | 88.73        | 96           | $j06g$  |
| $y25l$  | 78.19       | -26.54  | 71.69   | 76.45        | 110          | $j25g$  |
| $y50l$  | 69.83       | -40.06  | 58.5    | 70.9         | 124          | $j45g$  |
| $y75l$  | 62.17       | -52.44  | 46.41   | 70.03        | 138          | $j65g$  |
| $l00c$  | 54.22       | -65.29  | 33.87   | 73.56        | 153          | $j85g$  |
| $l50c$  | 58.45       | -44.92  | -10.62  | 46.16        | 193          | $g28b$  |
| $c00v$  | 61.43       | -30.53  | -42.04  | 51.96        | 234          | $g65b$  |
| $c50v$  | 44.02       | -2.84   | -44.65  | 44.74        | 266          | $g95b$  |
| $v00m$  | 25.93       | 25.95   | -47.37  | 54.01        | 299          | $b23r$  |
| $v50m$  | 35.2        | 46.01   | -31.2   | 55.59        | 326          | $b47r$  |
| $m00o$  | 47.92       | 73.53   | -9.02   | 74.08        | 353          | $b71r$  |
| $m50o$  | 47.42       | 69.94   | 15.08   | 71.55        | 12           | $b88r$  |



%Gamut

$u^*_{rel} = 87$

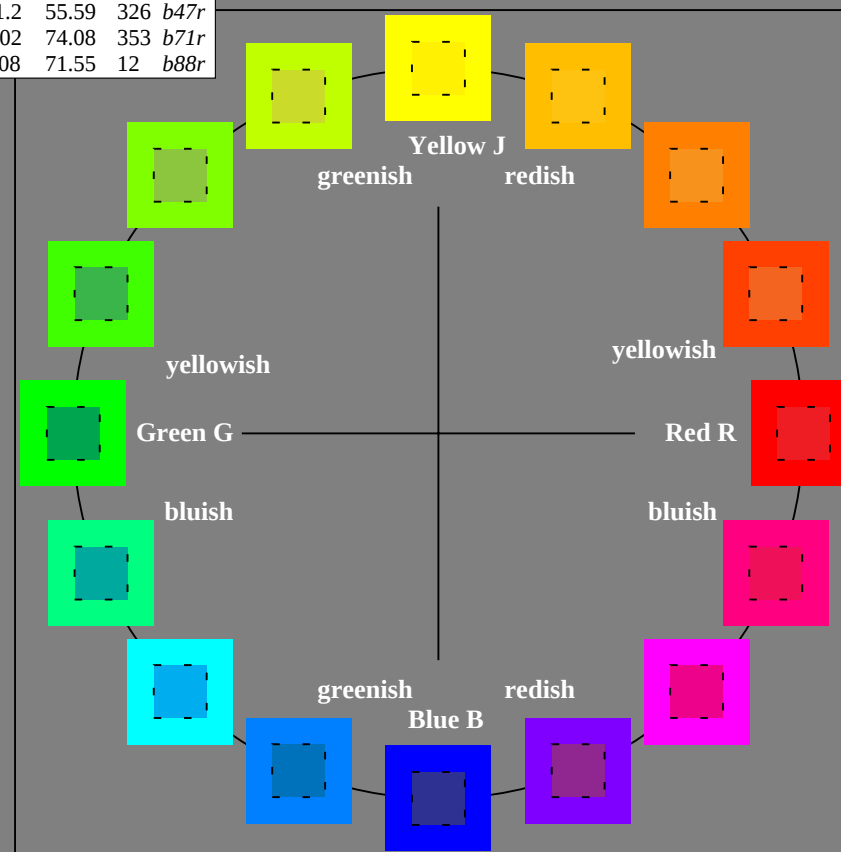
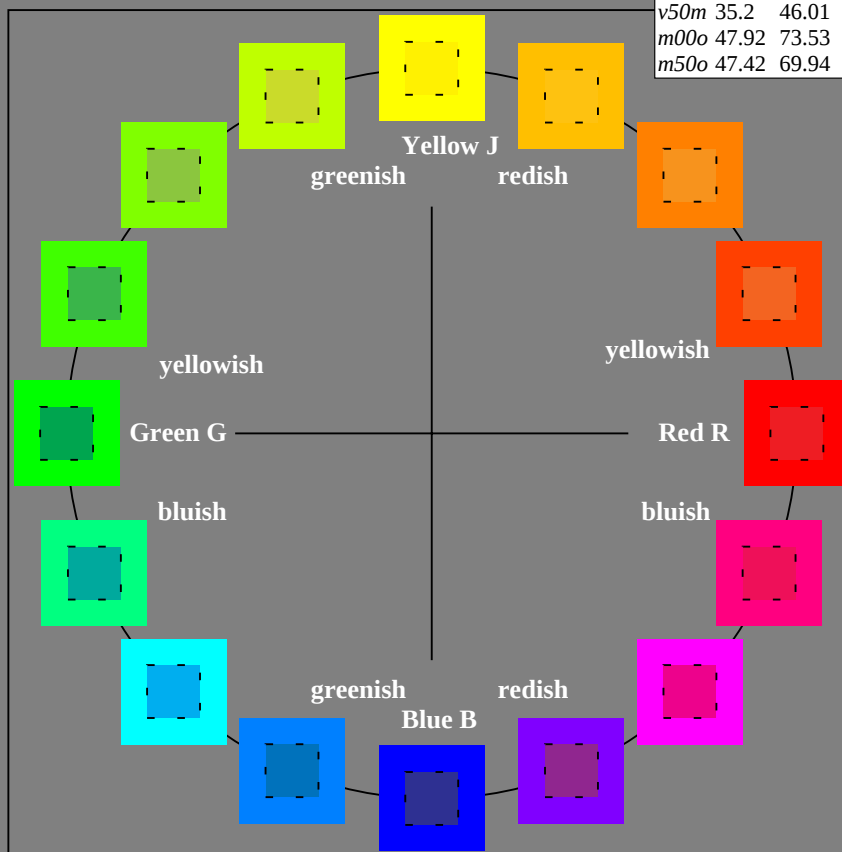
%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

### ORS20\_95a; adapted (a) CIELAB data

| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 46.89       | 66.19   | 40.28   | 77.48        | 31           |
| $Y_{Ma}$  | 88.66       | -9.62   | 88.21   | 88.73        | 96           |
| $L_{Ma}$  | 54.22       | -65.29  | 33.87   | 73.56        | 153          |
| $C_{Ma}$  | 61.43       | -30.53  | -42.04  | 51.96        | 234          |
| $V_{Ma}$  | 25.93       | 25.95   | -47.37  | 54.01        | 299          |
| $M_{Ma}$  | 47.92       | 73.53   | -9.02   | 74.08        | 353          |
| $N_{Ma}$  | 20.41       | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 94.64       | 0.0     | 0.0     | 0.0          | 0            |
| $O_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $Y_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $L_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $V_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

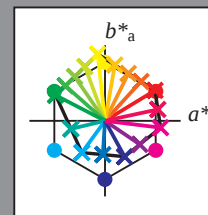


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$u^*_d$  and number *no.* = 00 .. 15  
device hue text:  
 $u^*_d$  = 16 hues *o00y*, *o25y*, ..., *m50o*  
contrast reduction factor:  
 $c_R = 1.0$

ORS20\_95a; adapted (a) CIELAB data

| $u^*_d$     | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_e$     |
|-------------|-------------|---------|---------|--------------|--------------|-------------|
| <i>o00y</i> | 46.89       | 66.19   | 40.28   | 77.48        | 31           | <i>r09j</i> |
| <i>o25y</i> | 57.13       | 47.6    | 52.04   | 70.52        | 48           | <i>r33j</i> |
| <i>o50y</i> | 66.36       | 30.85   | 62.62   | 69.81        | 64           | <i>r57j</i> |
| <i>o75y</i> | 76.18       | 13.03   | 73.89   | 75.03        | 80           | <i>r81j</i> |
| <i>y00l</i> | 88.66       | -9.62   | 88.21   | 88.73        | 96           | <i>j06g</i> |
| <i>y25l</i> | 78.19       | -26.54  | 71.69   | 76.45        | 110          | <i>j25g</i> |
| <i>y50l</i> | 69.83       | -40.06  | 58.5    | 70.9         | 124          | <i>j45g</i> |
| <i>y75l</i> | 62.17       | -52.44  | 46.41   | 70.03        | 138          | <i>j65g</i> |
| <i>l00c</i> | 54.22       | -65.29  | 33.87   | 73.56        | 153          | <i>j85g</i> |
| <i>l50c</i> | 58.45       | -44.92  | -10.62  | 46.16        | 193          | <i>g28b</i> |
| <i>c00v</i> | 61.43       | -30.53  | -42.04  | 51.96        | 234          | <i>g65b</i> |
| <i>c50v</i> | 44.02       | -2.84   | -44.65  | 44.74        | 266          | <i>g95b</i> |
| <i>v00m</i> | 25.93       | 25.95   | -47.37  | 54.01        | 299          | <i>b23r</i> |
| <i>v50m</i> | 35.2        | 46.01   | -31.2   | 55.59        | 326          | <i>b47r</i> |
| <i>m00o</i> | 47.92       | 73.53   | -9.02   | 74.08        | 353          | <i>b71r</i> |
| <i>m50o</i> | 47.42       | 69.94   | 15.08   | 71.55        | 12           | <i>b88r</i> |



%Gamut

$u^*_{rel} = 87$

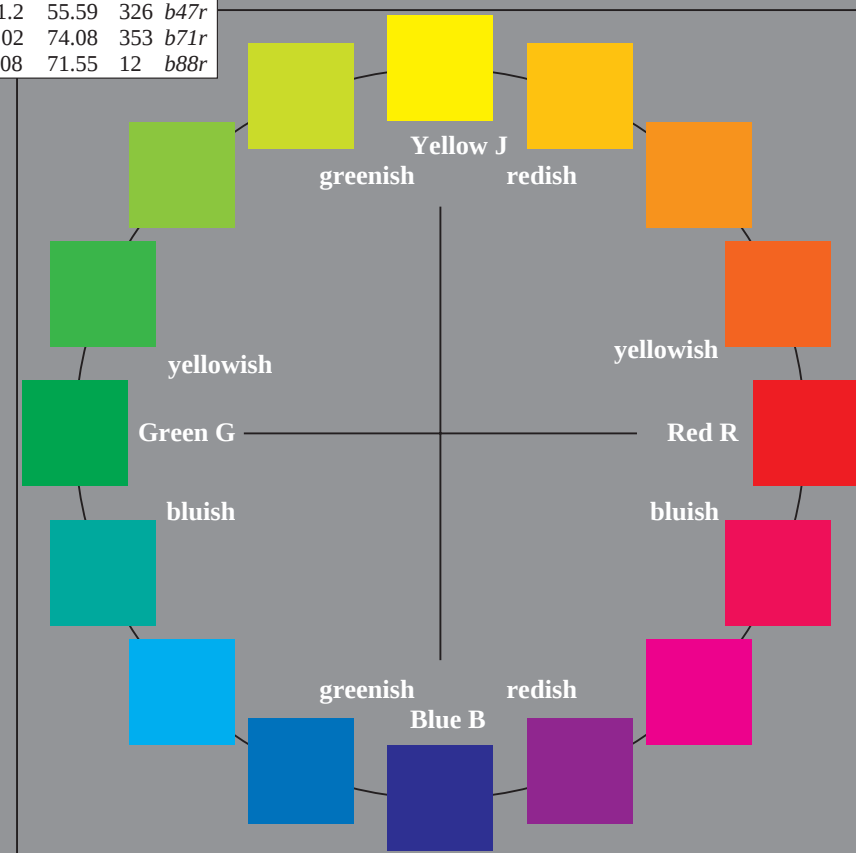
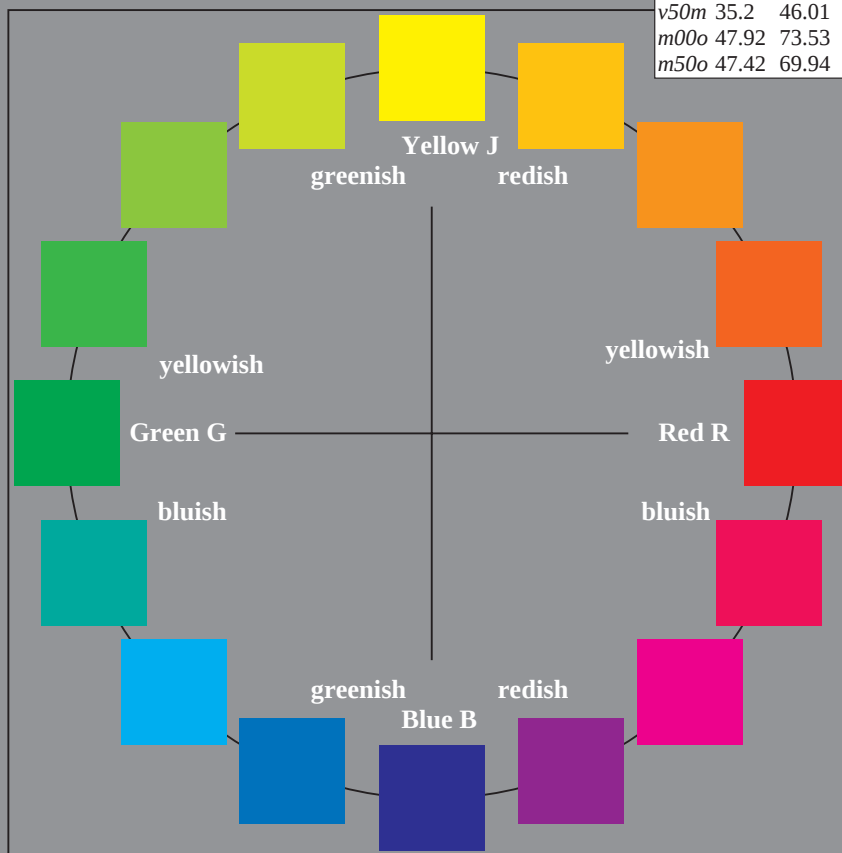
%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

ORS20\_95a; adapted (a) CIELAB data

| Name             | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|------------------|-------------|---------|---------|--------------|--------------|
| O <sub>Ma</sub>  | 46.89       | 66.19   | 40.28   | 77.48        | 31           |
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| L <sub>Ma</sub>  | 54.22       | -65.29  | 33.87   | 73.56        | 153          |
| C <sub>Ma</sub>  | 61.43       | -30.53  | -42.04  | 51.96        | 234          |
| V <sub>Ma</sub>  | 25.93       | 25.95   | -47.37  | 54.01        | 299          |
| M <sub>Ma</sub>  | 47.92       | 73.53   | -9.02   | 74.08        | 353          |
| N <sub>Ma</sub>  | 20.41       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>  | 94.64       | 0.0     | 0.0     | 0.0          | 0            |
| O <sub>CIE</sub> | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
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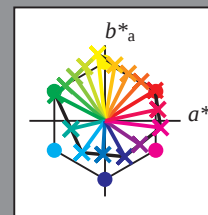


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device hue text:  
 $u^*_d$  = 16 hues *o00y*, *o25y*, ..., *m50o*  
contrast reduction factor:  
 $c_R = 1.0$

ORS20\_95a; adapted (a) CIELAB data

| $u^*_d$     | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_e$     |
|-------------|-------------|---------|---------|--------------|--------------|-------------|
| <i>o00y</i> | 46.89       | 66.19   | 40.28   | 77.48        | 31           | <i>r09j</i> |
| <i>o25y</i> | 57.13       | 47.6    | 52.04   | 70.52        | 48           | <i>r33j</i> |
| <i>o50y</i> | 66.36       | 30.85   | 62.62   | 69.81        | 64           | <i>r57j</i> |
| <i>o75y</i> | 76.18       | 13.03   | 73.89   | 75.03        | 80           | <i>r81j</i> |
| <i>y00l</i> | 88.66       | -9.62   | 88.21   | 88.73        | 96           | <i>j06g</i> |
| <i>y25l</i> | 78.19       | -26.54  | 71.69   | 76.45        | 110          | <i>j25g</i> |
| <i>y50l</i> | 69.83       | -40.06  | 58.5    | 70.9         | 124          | <i>j45g</i> |
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| <i>l00c</i> | 54.22       | -65.29  | 33.87   | 73.56        | 153          | <i>j85g</i> |
| <i>l50c</i> | 58.45       | -44.92  | -10.62  | 46.16        | 193          | <i>g28b</i> |
| <i>c00v</i> | 61.43       | -30.53  | -42.04  | 51.96        | 234          | <i>g65b</i> |
| <i>c50v</i> | 44.02       | -2.84   | -44.65  | 44.74        | 266          | <i>g95b</i> |
| <i>v00m</i> | 25.93       | 25.95   | -47.37  | 54.01        | 299          | <i>b23r</i> |
| <i>v50m</i> | 35.2        | 46.01   | -31.2   | 55.59        | 326          | <i>b47r</i> |
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%Gamut

$u^*_{rel} = 87$

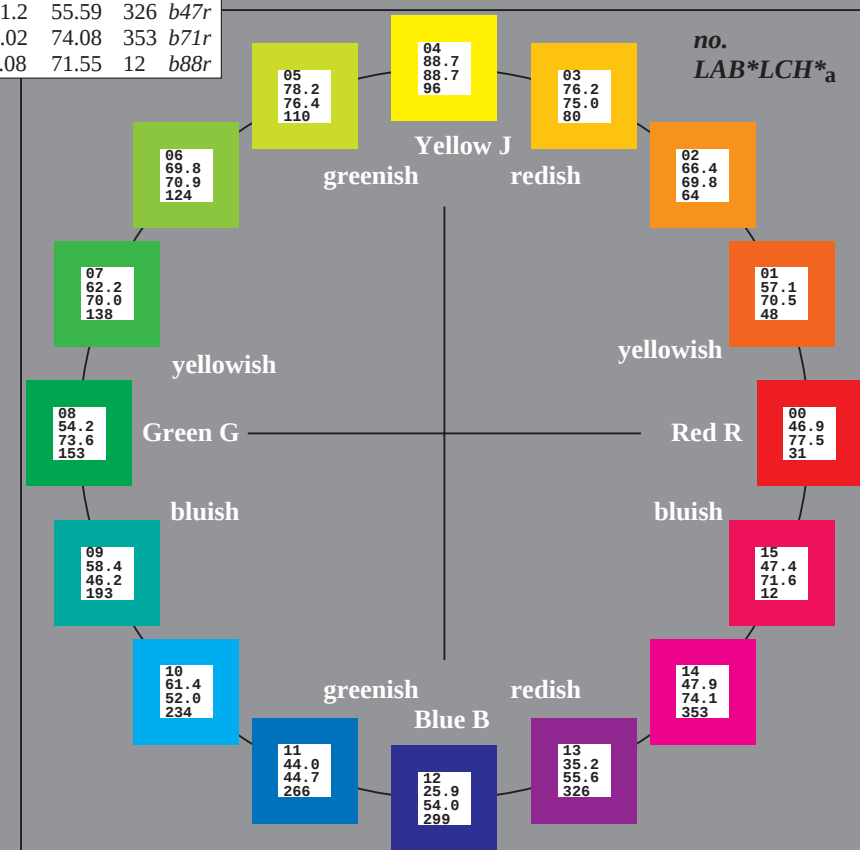
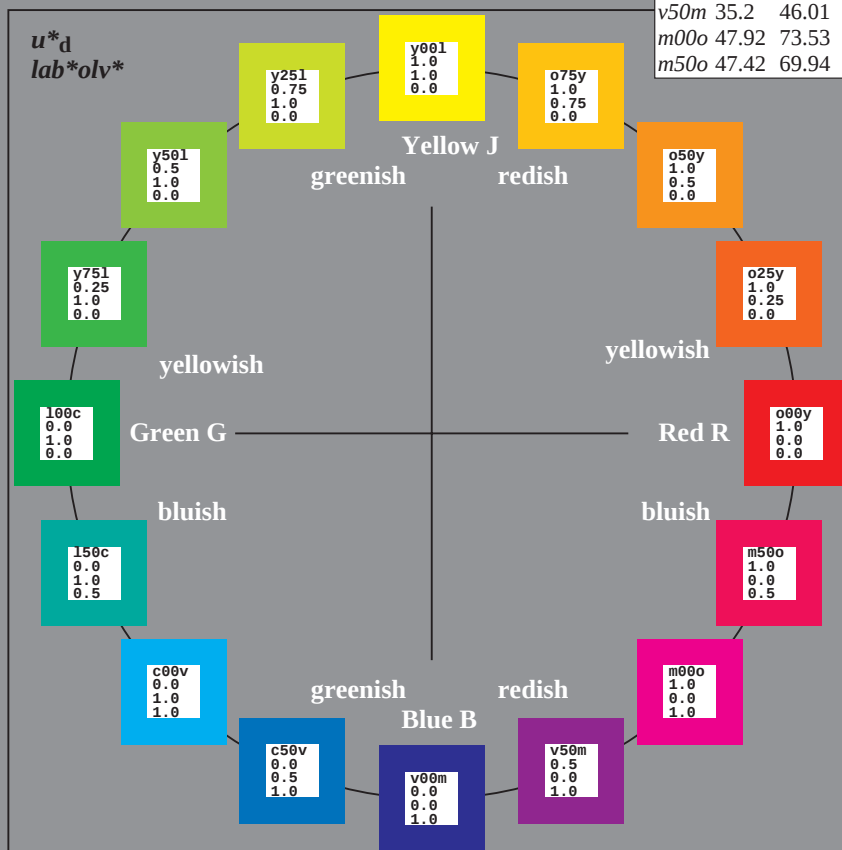
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| N <sub>Ma</sub>  | 20.41       | 0.0     | 0.0     | 0.0          | 0            |
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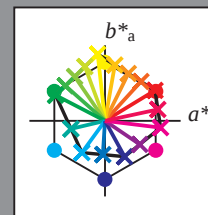


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| <i>y00l</i> | 88.66       | -9.62   | 88.21   | 88.73        | 96           | <i>j06g</i> |
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%Gamut

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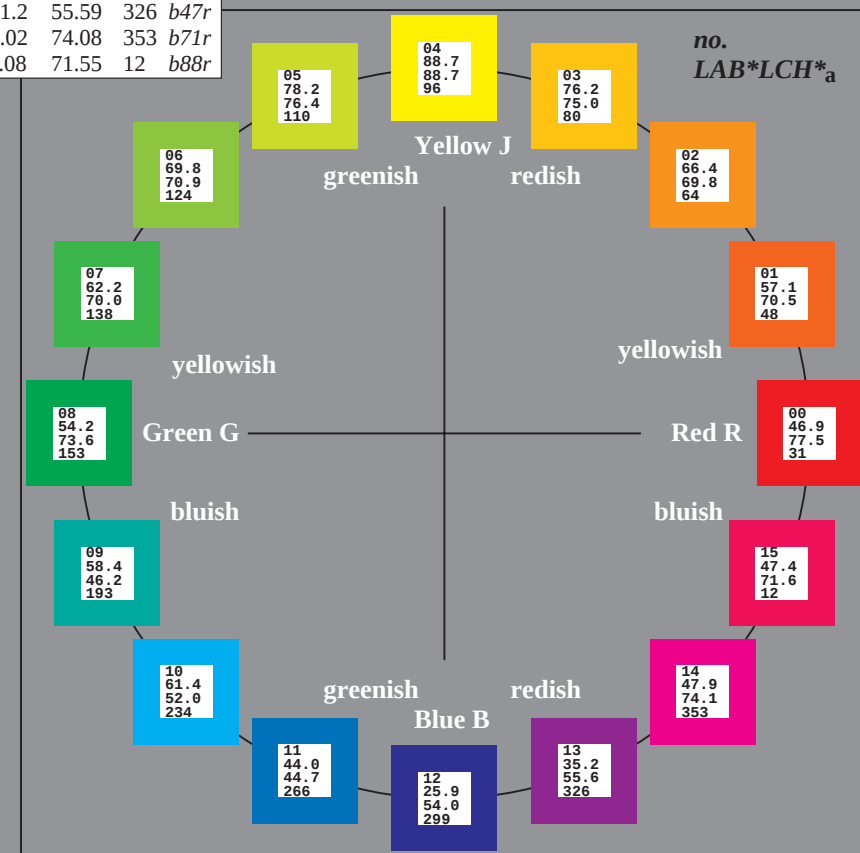
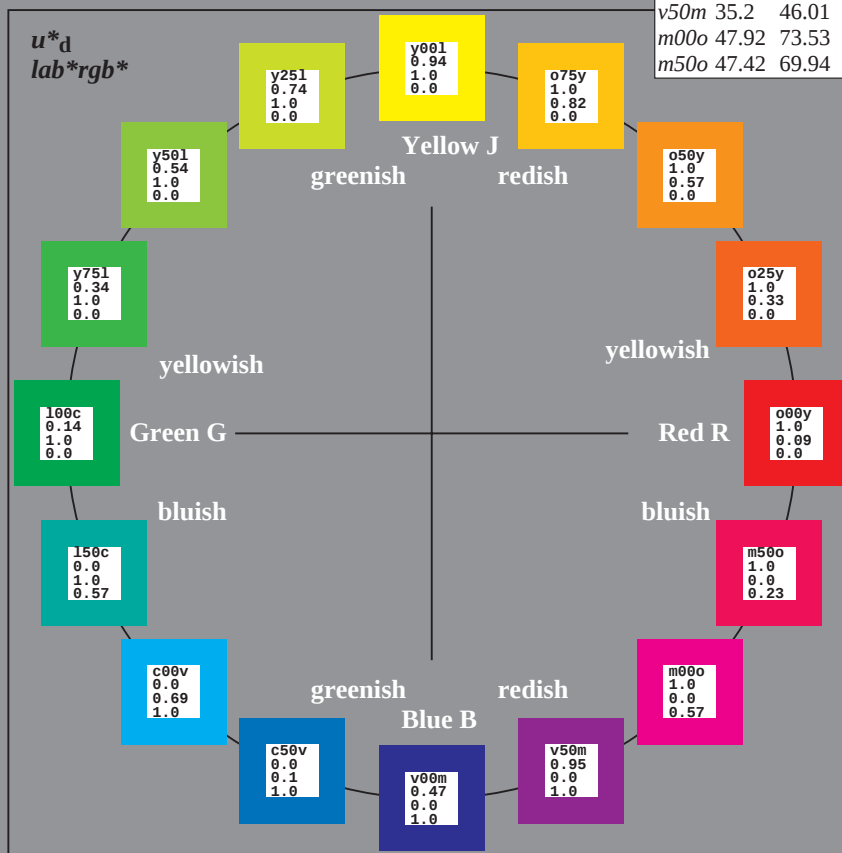
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| Name             | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
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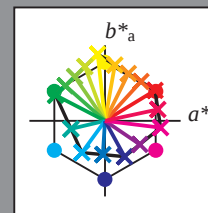


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 $u^*_d = 16$  hues  $o00y, o25y, \dots, m50o$   
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| $c00v$  | 61.43       | -30.53  | -42.04  | 51.96        | 234          | $g65b$  |
| $c50v$  | 44.02       | -2.84   | -44.65  | 44.74        | 266          | $g95b$  |
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%Gamut

$u^*_{rel} = 87$

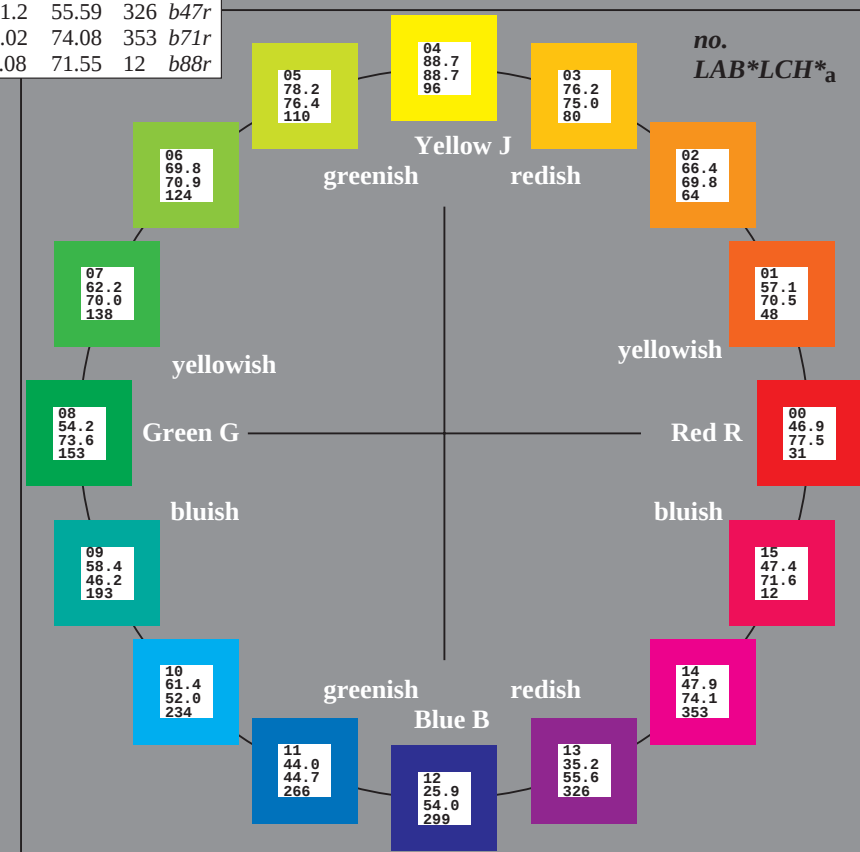
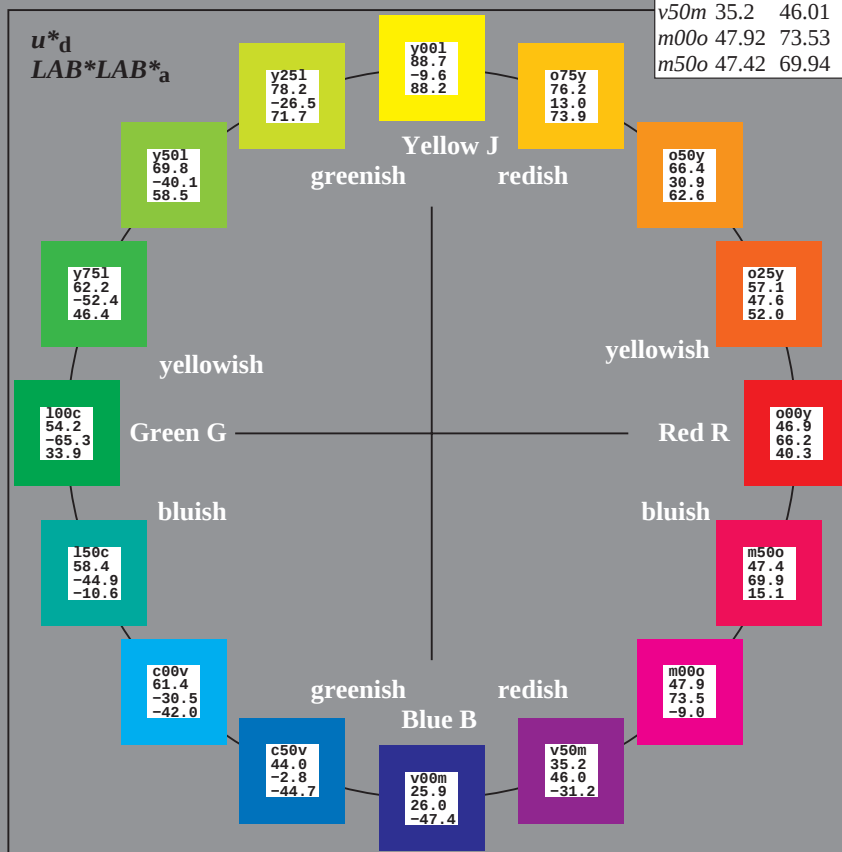
%Regularity

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ORS20\_95a; adapted (a) CIELAB data

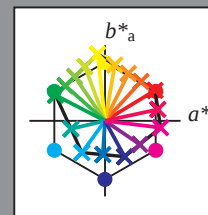
| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 46.89       | 66.19   | 40.28   | 77.48        | 31           |
| $Y_{Ma}$  | 88.66       | -9.62   | 88.21   | 88.73        | 96           |
| $L_{Ma}$  | 54.22       | -65.29  | 33.87   | 73.56        | 153          |
| $C_{Ma}$  | 61.43       | -30.53  | -42.04  | 51.96        | 234          |
| $V_{Ma}$  | 25.93       | 25.95   | -47.37  | 54.01        | 299          |
| $M_{Ma}$  | 47.92       | 73.53   | -9.02   | 74.08        | 353          |
| $N_{Ma}$  | 20.41       | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 94.64       | 0.0     | 0.0     | 0.0          | 0            |
| $O_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $Y_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $L_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $V_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



Input and output:  
Colorimetric Printer Reflective System ORS20\_95a  
data for any colour:

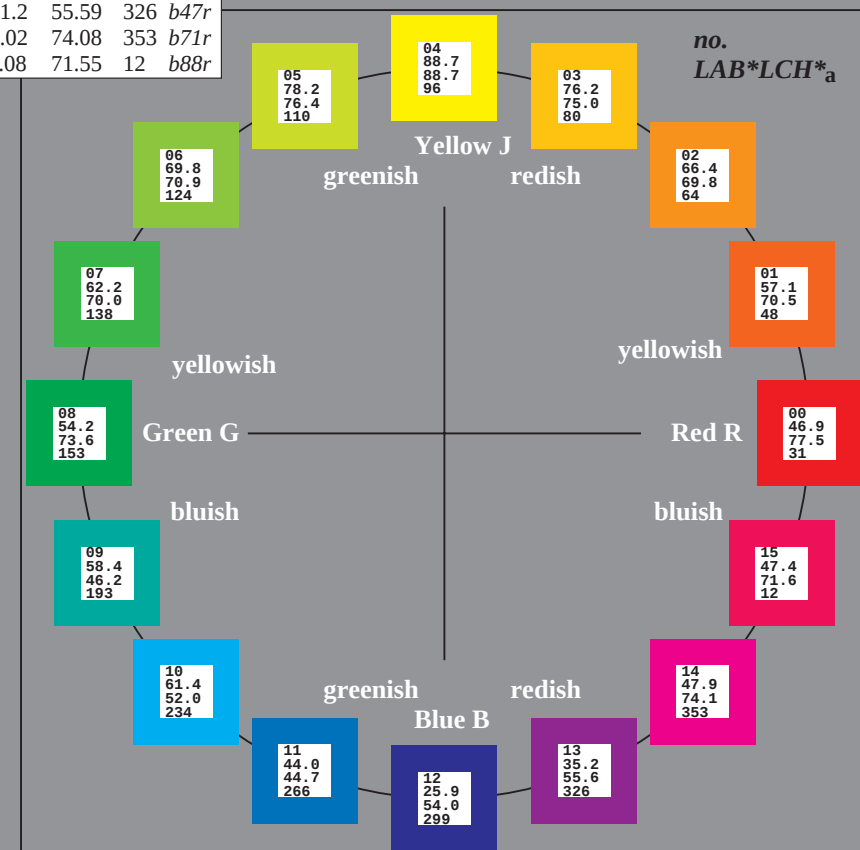
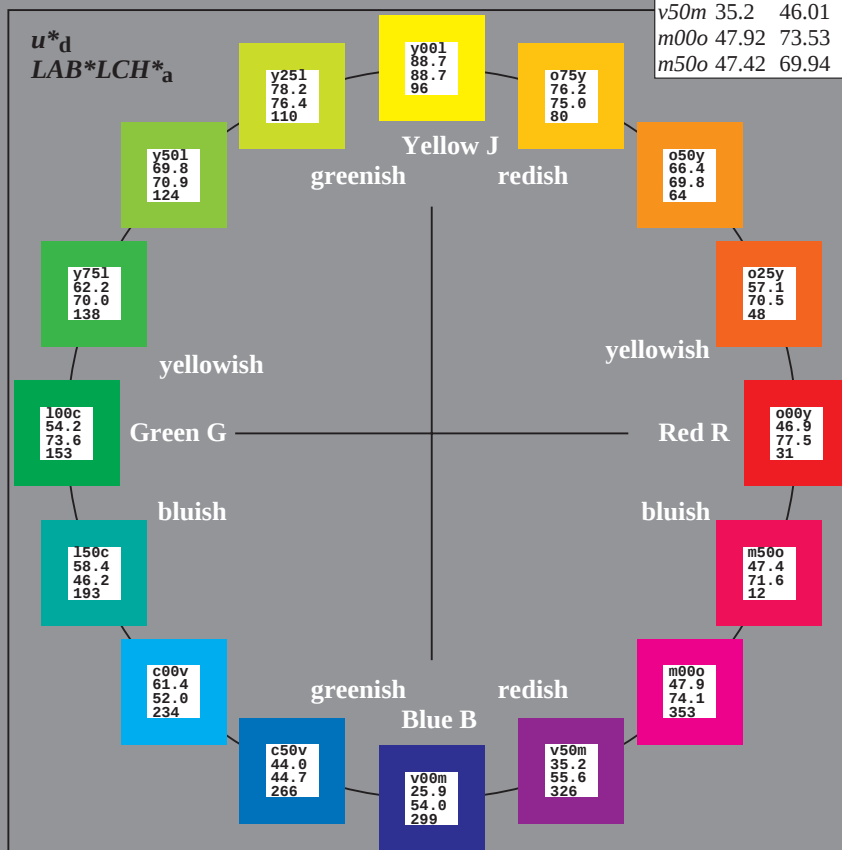
$u^*_d$  and number *no.* = 00 .. 15  
device hue text:  
 $u^*_d$  = 16 hues *o00y*, *o25y*, ..., *m50o*  
contrast reduction factor:  
 $c_R = 1.0$

| ORS20_95a; adapted (a) CIELAB data |             |         |         |              |              |             |
|------------------------------------|-------------|---------|---------|--------------|--------------|-------------|
| $u^*_d$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_e$     |
| <i>o00y</i>                        | 46.89       | 66.19   | 40.28   | 77.48        | 31           | <i>r09j</i> |
| <i>o25y</i>                        | 57.13       | 47.6    | 52.04   | 70.52        | 48           | <i>r33j</i> |
| <i>o50y</i>                        | 66.36       | 30.85   | 62.62   | 69.81        | 64           | <i>r57j</i> |
| <i>o75y</i>                        | 76.18       | 13.03   | 73.89   | 75.03        | 80           | <i>r81j</i> |
| <i>y00l</i>                        | 88.66       | -9.62   | 88.21   | 88.73        | 96           | <i>j06g</i> |
| <i>y25l</i>                        | 78.19       | -26.54  | 71.69   | 76.45        | 110          | <i>j25g</i> |
| <i>y50l</i>                        | 69.83       | -40.06  | 58.5    | 70.9         | 124          | <i>j45g</i> |
| <i>y75l</i>                        | 62.17       | -52.44  | 46.41   | 70.03        | 138          | <i>j65g</i> |
| <i>l00c</i>                        | 54.22       | -65.29  | 33.87   | 73.56        | 153          | <i>j85g</i> |
| <i>l50c</i>                        | 58.45       | -44.92  | -10.62  | 46.16        | 193          | <i>g28b</i> |
| <i>c00v</i>                        | 61.43       | -30.53  | -42.04  | 51.96        | 234          | <i>g65b</i> |
| <i>c50v</i>                        | 44.02       | -2.84   | -44.65  | 44.74        | 266          | <i>g95b</i> |
| <i>v00m</i>                        | 25.93       | 25.95   | -47.37  | 54.01        | 299          | <i>b23r</i> |
| <i>v50m</i>                        | 35.2        | 46.01   | -31.2   | 55.59        | 326          | <i>b47r</i> |
| <i>m00o</i>                        | 47.92       | 73.53   | -9.02   | 74.08        | 353          | <i>b71r</i> |
| <i>m50o</i>                        | 47.42       | 69.94   | 15.08   | 71.55        | 12           | <i>b88r</i> |



%Gamut  
 $u^*_{rel} = 87$   
%Regularity  
 $g^*_{H,rel} = 67$   
 $g^*_{C,rel} = 59$

| ORS20_95a; adapted (a) CIELAB data |             |         |         |              |              |
|------------------------------------|-------------|---------|---------|--------------|--------------|
| Name                               | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
| O <sub>Ma</sub>                    | 46.89       | 66.19   | 40.28   | 77.48        | 31           |
| Y <sub>Ma</sub>                    | 88.66       | -9.62   | 88.21   | 88.73        | 96           |
| L <sub>Ma</sub>                    | 54.22       | -65.29  | 33.87   | 73.56        | 153          |
| C <sub>Ma</sub>                    | 61.43       | -30.53  | -42.04  | 51.96        | 234          |
| V <sub>Ma</sub>                    | 25.93       | 25.95   | -47.37  | 54.01        | 299          |
| M <sub>Ma</sub>                    | 47.92       | 73.53   | -9.02   | 74.08        | 353          |
| N <sub>Ma</sub>                    | 20.41       | 0.0     | 0.0     | 0.0          | 0            |
| W <sub>Ma</sub>                    | 94.64       | 0.0     | 0.0     | 0.0          | 0            |
| O <sub>CIE</sub>                   | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| Y <sub>CIE</sub>                   | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| L <sub>CIE</sub>                   | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| V <sub>CIE</sub>                   | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

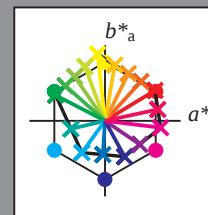


Input and output:  
Colorimetric Printer Reflective System ORS20\_95a  
data for any colour:

$u^*_d$  and number  $no.$  = 00 .. 15  
device hue text:  
 $u^*_d$  = 16 hues  $o00y$ ,  $o25y$ , ...,  $m50o$   
contrast reduction factor:  
 $c_R = 1.0$

ORS20\_95a; adapted (a) CIELAB data

| $u^*_d$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_e$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $o00y$  | 46.89       | 66.19   | 40.28   | 77.48        | 31           | $r09j$  |
| $o25y$  | 57.13       | 47.6    | 52.04   | 70.52        | 48           | $r33j$  |
| $o50y$  | 66.36       | 30.85   | 62.62   | 69.81        | 64           | $r57j$  |
| $o75y$  | 76.18       | 13.03   | 73.89   | 75.03        | 80           | $r81j$  |
| $y00l$  | 88.66       | -9.62   | 88.21   | 88.73        | 96           | $j06g$  |
| $y25l$  | 78.19       | -26.54  | 71.69   | 76.45        | 110          | $j25g$  |
| $y50l$  | 69.83       | -40.06  | 58.5    | 70.9         | 124          | $j45g$  |
| $y75l$  | 62.17       | -52.44  | 46.41   | 70.03        | 138          | $j65g$  |
| $l00c$  | 54.22       | -65.29  | 33.87   | 73.56        | 153          | $j85g$  |
| $l50c$  | 58.45       | -44.92  | -10.62  | 46.16        | 193          | $g28b$  |
| $c00v$  | 61.43       | -30.53  | -42.04  | 51.96        | 234          | $g65b$  |
| $c50v$  | 44.02       | -2.84   | -44.65  | 44.74        | 266          | $g95b$  |
| $v00m$  | 25.93       | 25.95   | -47.37  | 54.01        | 299          | $b23r$  |
| $v50m$  | 35.2        | 46.01   | -31.2   | 55.59        | 326          | $b47r$  |
| $m00o$  | 47.92       | 73.53   | -9.02   | 74.08        | 353          | $b71r$  |
| $m50o$  | 47.42       | 69.94   | 15.08   | 71.55        | 12           | $b88r$  |



%Gamut

$u^*_{rel} = 87$

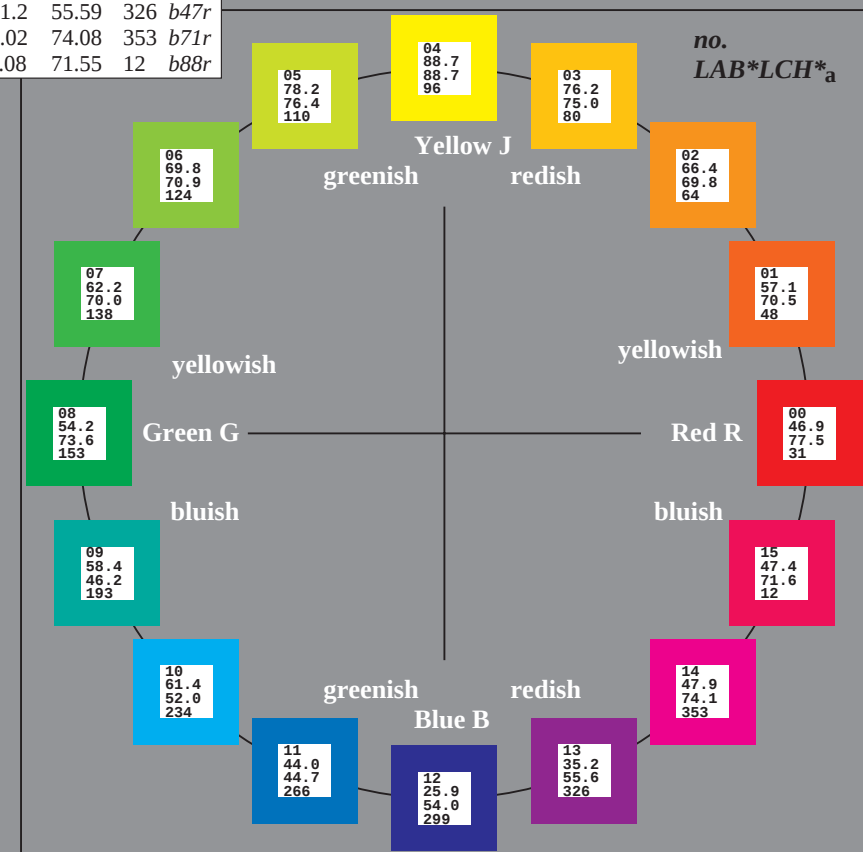
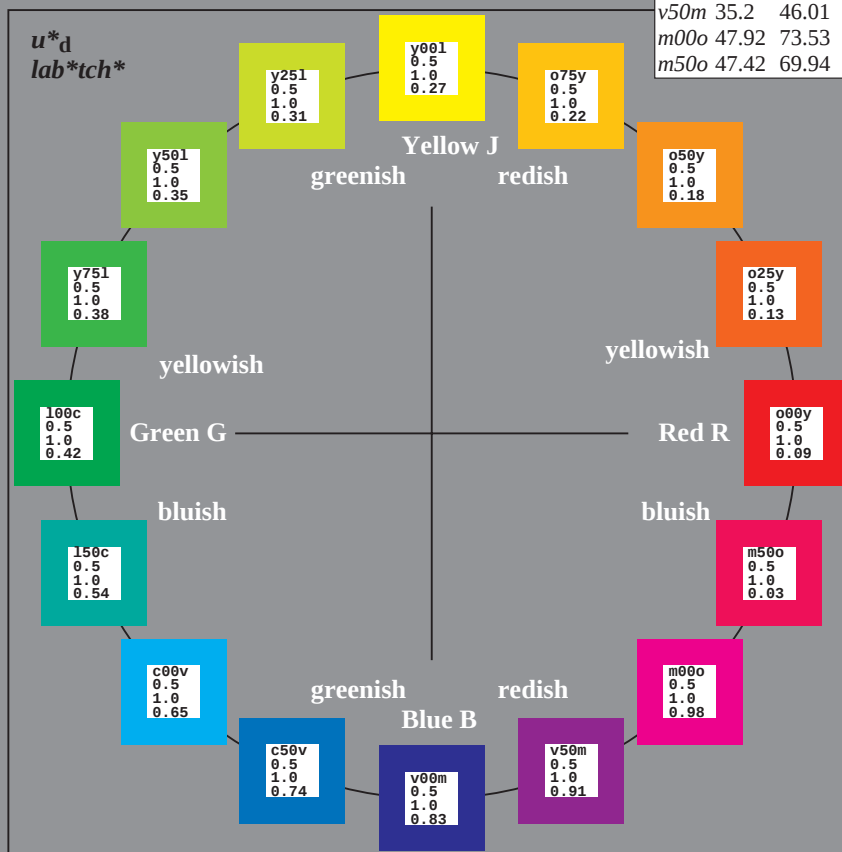
%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

ORS20\_95a; adapted (a) CIELAB data

| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 46.89       | 66.19   | 40.28   | 77.48        | 31           |
| $Y_{Ma}$  | 88.66       | -9.62   | 88.21   | 88.73        | 96           |
| $L_{Ma}$  | 54.22       | -65.29  | 33.87   | 73.56        | 153          |
| $C_{Ma}$  | 61.43       | -30.53  | -42.04  | 51.96        | 234          |
| $V_{Ma}$  | 25.93       | 25.95   | -47.37  | 54.01        | 299          |
| $M_{Ma}$  | 47.92       | 73.53   | -9.02   | 74.08        | 353          |
| $N_{Ma}$  | 20.41       | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 94.64       | 0.0     | 0.0     | 0.0          | 0            |
| $O_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $Y_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $L_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $V_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |

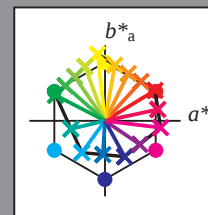


Input and output:  
Colorimetric Printer Reflective System ORS20\_95a  
data for any colour:

$u^*_d$  and number  $no.$  = 00 .. 15  
device hue text:  
 $u^*_d$  = 16 hues  $o00y$ ,  $o25y$ , ...,  $m50o$   
contrast reduction factor:  
 $c_R = 1.0$

ORS20\_95a; adapted (a) CIELAB data

| $u^*_d$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_e$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $o00y$  | 46.89       | 66.19   | 40.28   | 77.48        | 31           | $r09j$  |
| $o25y$  | 57.13       | 47.6    | 52.04   | 70.52        | 48           | $r33j$  |
| $o50y$  | 66.36       | 30.85   | 62.62   | 69.81        | 64           | $r57j$  |
| $o75y$  | 76.18       | 13.03   | 73.89   | 75.03        | 80           | $r81j$  |
| $y00l$  | 88.66       | -9.62   | 88.21   | 88.73        | 96           | $j06g$  |
| $y25l$  | 78.19       | -26.54  | 71.69   | 76.45        | 110          | $j25g$  |
| $y50l$  | 69.83       | -40.06  | 58.5    | 70.9         | 124          | $j45g$  |
| $y75l$  | 62.17       | -52.44  | 46.41   | 70.03        | 138          | $j65g$  |
| $l00c$  | 54.22       | -65.29  | 33.87   | 73.56        | 153          | $j85g$  |
| $l50c$  | 58.45       | -44.92  | -10.62  | 46.16        | 193          | $g28b$  |
| $c00v$  | 61.43       | -30.53  | -42.04  | 51.96        | 234          | $g65b$  |
| $c50v$  | 44.02       | -2.84   | -44.65  | 44.74        | 266          | $g95b$  |
| $v00m$  | 25.93       | 25.95   | -47.37  | 54.01        | 299          | $b23r$  |
| $v50m$  | 35.2        | 46.01   | -31.2   | 55.59        | 326          | $b47r$  |
| $m00o$  | 47.92       | 73.53   | -9.02   | 74.08        | 353          | $b71r$  |
| $m50o$  | 47.42       | 69.94   | 15.08   | 71.55        | 12           | $b88r$  |



%Gamut

$u^*_{rel} = 87$

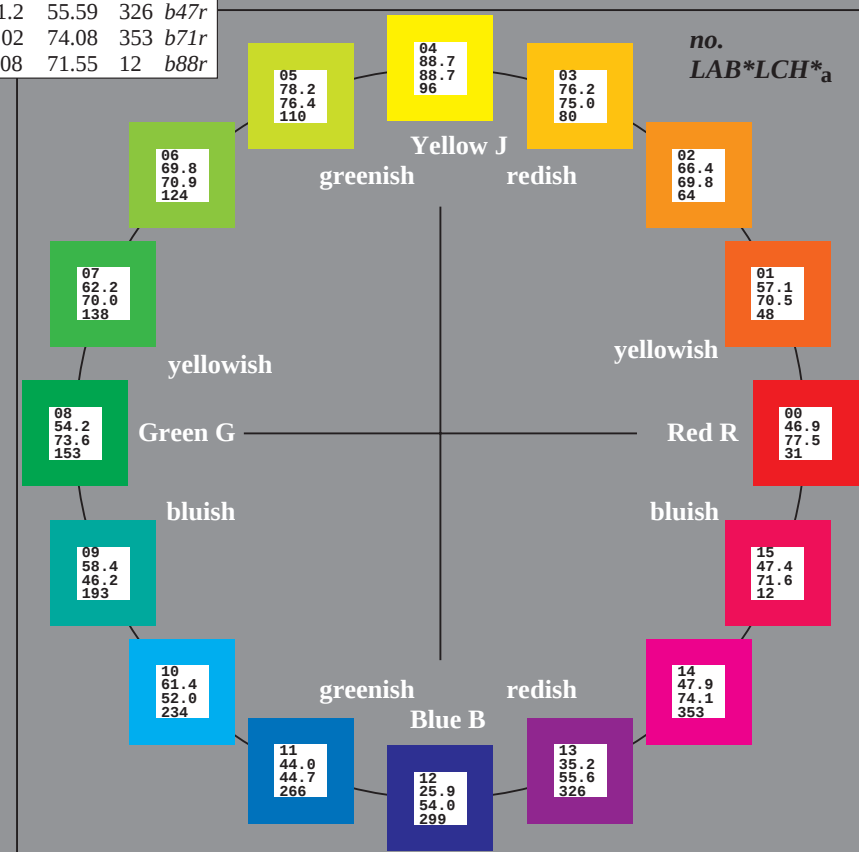
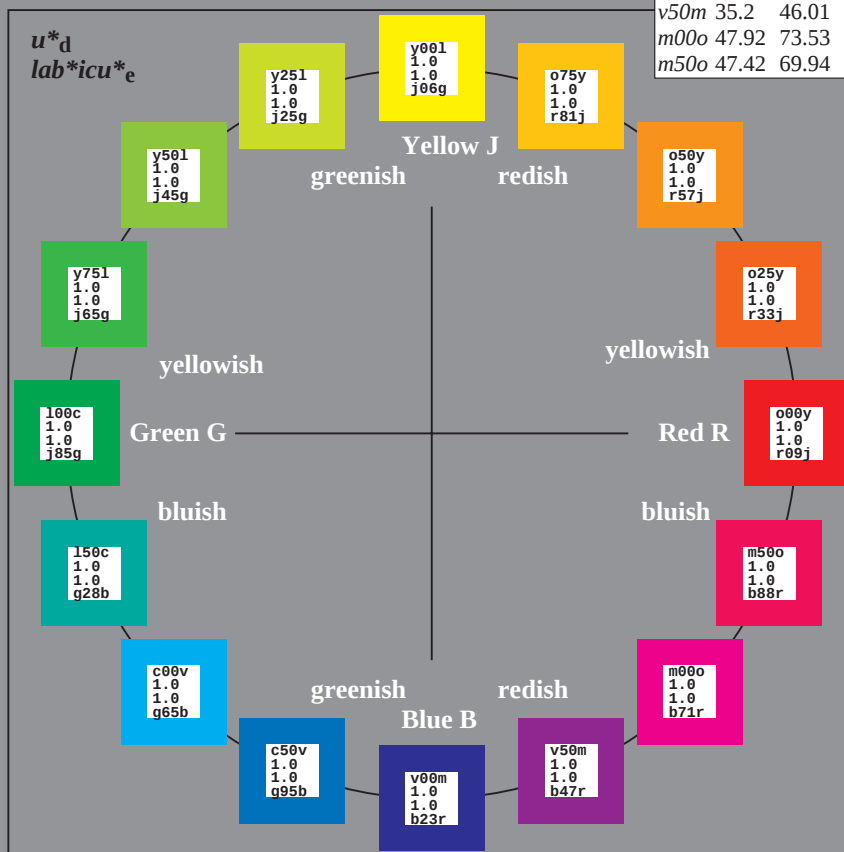
%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

ORS20\_95a; adapted (a) CIELAB data

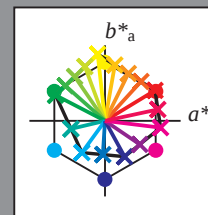
| Name      | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ |
|-----------|-------------|---------|---------|--------------|--------------|
| $O_{Ma}$  | 46.89       | 66.19   | 40.28   | 77.48        | 31           |
| $Y_{Ma}$  | 88.66       | -9.62   | 88.21   | 88.73        | 96           |
| $L_{Ma}$  | 54.22       | -65.29  | 33.87   | 73.56        | 153          |
| $C_{Ma}$  | 61.43       | -30.53  | -42.04  | 51.96        | 234          |
| $V_{Ma}$  | 25.93       | 25.95   | -47.37  | 54.01        | 299          |
| $M_{Ma}$  | 47.92       | 73.53   | -9.02   | 74.08        | 353          |
| $N_{Ma}$  | 20.41       | 0.0     | 0.0     | 0.0          | 0            |
| $W_{Ma}$  | 94.64       | 0.0     | 0.0     | 0.0          | 0            |
| $O_{CIE}$ | 39.92       | 58.74   | 27.99   | 65.07        | 25           |
| $Y_{CIE}$ | 81.26       | -2.89   | 71.56   | 71.62        | 92           |
| $L_{CIE}$ | 52.23       | -42.42  | 13.6    | 44.55        | 162          |
| $V_{CIE}$ | 30.57       | 1.41    | -46.47  | 46.49        | 272          |



Input and output:  
Colorimetric Printer Reflective System ORS20\_95a  
data for any colour:

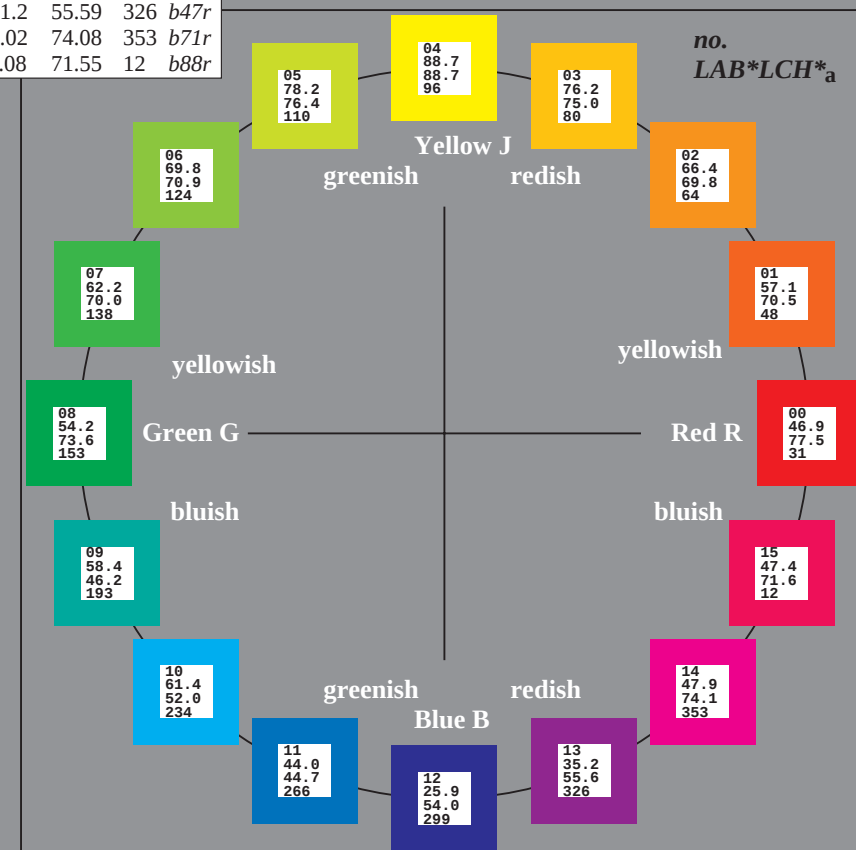
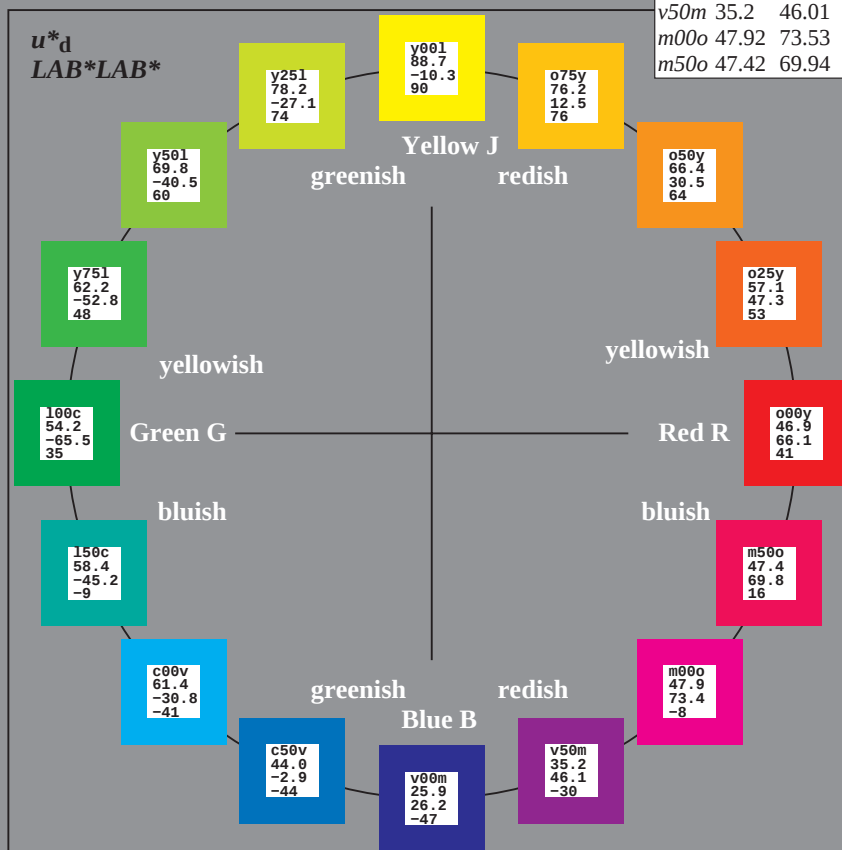
$u^*_d$  and number  $no.$  = 00 .. 15  
device hue text:  
 $u^*_d = 16$  hues  $o00y, o25y, \dots, m50o$   
contrast reduction factor:  
 $c_R = 1.0$

| ORS20_95a; adapted (a) CIELAB data |             |         |         |              |              |         |
|------------------------------------|-------------|---------|---------|--------------|--------------|---------|
| $u^*_d$                            | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_e$ |
| $o00y$                             | 46.89       | 66.19   | 40.28   | 77.48        | 31           | $r09j$  |
| $o25y$                             | 57.13       | 47.6    | 52.04   | 70.52        | 48           | $r33j$  |
| $o50y$                             | 66.36       | 30.85   | 62.62   | 69.81        | 64           | $r57j$  |
| $o75y$                             | 76.18       | 13.03   | 73.89   | 75.03        | 80           | $r81j$  |
| $y00l$                             | 88.66       | -9.62   | 88.21   | 88.73        | 96           | $j06g$  |
| $y25l$                             | 78.19       | -26.54  | 71.69   | 76.45        | 110          | $j25g$  |
| $y50l$                             | 69.83       | -40.06  | 58.5    | 70.9         | 124          | $j45g$  |
| $y75l$                             | 62.17       | -52.44  | 46.41   | 70.03        | 138          | $j65g$  |
| $l00c$                             | 54.22       | -65.29  | 33.87   | 73.56        | 153          | $j85g$  |
| $l50c$                             | 58.45       | -44.92  | -10.62  | 46.16        | 193          | $g28b$  |
| $c00v$                             | 61.43       | -30.53  | -42.04  | 51.96        | 234          | $g65b$  |
| $c50v$                             | 44.02       | -2.84   | -44.65  | 44.74        | 266          | $g95b$  |
| $v00m$                             | 25.93       | 25.95   | -47.37  | 54.01        | 299          | $b23r$  |
| $v50m$                             | 35.2        | 46.01   | -31.2   | 55.59        | 326          | $b47r$  |
| $m00o$                             | 47.92       | 73.53   | -9.02   | 74.08        | 353          | $b71r$  |
| $m50o$                             | 47.42       | 69.94   | 15.08   | 71.55        | 12           | $b88r$  |



%Gamut  
 $u^*_{rel} = 87$   
%Regularity  
 $g^*_{H,rel} = 67$   
 $g^*_{C,rel} = 59$

| ORS20_95; CIELAB data |           |        |        |            |            |
|-----------------------|-----------|--------|--------|------------|------------|
| Name                  | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
| $O_M$                 | 46.89     | 66.08  | 41.48  | 78.02      | 32         |
| $Y_M$                 | 88.66     | -10.34 | 90.28  | 90.87      | 97         |
| $L_M$                 | 54.22     | -65.51 | 35.22  | 74.38      | 152        |
| $C_M$                 | 61.43     | -30.85 | -40.54 | 50.94      | 233        |
| $V_M$                 | 25.93     | 26.15  | -46.61 | 53.44      | 299        |
| $M_M$                 | 47.92     | 73.41  | -7.8   | 73.82      | 354        |
| $N_M$                 | 20.41     | 0.28   | 0.64   | 0.7        | 66         |
| $W_M$                 | 94.64     | -0.81  | 2.2    | 2.34       | 110        |
| $O_{CIE}$             | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| $Y_{CIE}$             | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| $L_{CIE}$             | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| $V_{CIE}$             | 30.57     | 1.41   | -46.47 | 46.49      | 272        |



Input and output:  
Colorimetric Printer Reflective System ORS20\_95a  
data for any colour:

$u^*_d$  and number  $no.$  = 00 .. 15

device hue text:

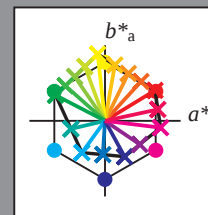
$u^*_d$  = 16 hues  $o00y$ ,  $o25y$ , ...,  $m50o$

contrast reduction factor:

$c_R = 1.0$

ORS20\_95a; adapted (a) CIELAB data

| $u^*_d$ | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_e$ |
|---------|-------------|---------|---------|--------------|--------------|---------|
| $o00y$  | 46.89       | 66.19   | 40.28   | 77.48        | 31           | $r09j$  |
| $o25y$  | 57.13       | 47.6    | 52.04   | 70.52        | 48           | $r33j$  |
| $o50y$  | 66.36       | 30.85   | 62.62   | 69.81        | 64           | $r57j$  |
| $o75y$  | 76.18       | 13.03   | 73.89   | 75.03        | 80           | $r81j$  |
| $y00l$  | 88.66       | -9.62   | 88.21   | 88.73        | 96           | $j06g$  |
| $y25l$  | 78.19       | -26.54  | 71.69   | 76.45        | 110          | $j25g$  |
| $y50l$  | 69.83       | -40.06  | 58.5    | 70.9         | 124          | $j45g$  |
| $y75l$  | 62.17       | -52.44  | 46.41   | 70.03        | 138          | $j65g$  |
| $l00c$  | 54.22       | -65.29  | 33.87   | 73.56        | 153          | $j85g$  |
| $l50c$  | 58.45       | -44.92  | -10.62  | 46.16        | 193          | $g28b$  |
| $c00v$  | 61.43       | -30.53  | -42.04  | 51.96        | 234          | $g65b$  |
| $c50v$  | 44.02       | -2.84   | -44.65  | 44.74        | 266          | $g95b$  |
| $v00m$  | 25.93       | 25.95   | -47.37  | 54.01        | 299          | $b23r$  |
| $v50m$  | 35.2        | 46.01   | -31.2   | 55.59        | 326          | $b47r$  |
| $m00o$  | 47.92       | 73.53   | -9.02   | 74.08        | 353          | $b71r$  |
| $m50o$  | 47.42       | 69.94   | 15.08   | 71.55        | 12           | $b88r$  |



%Gamut

$u^*_{rel} = 87$

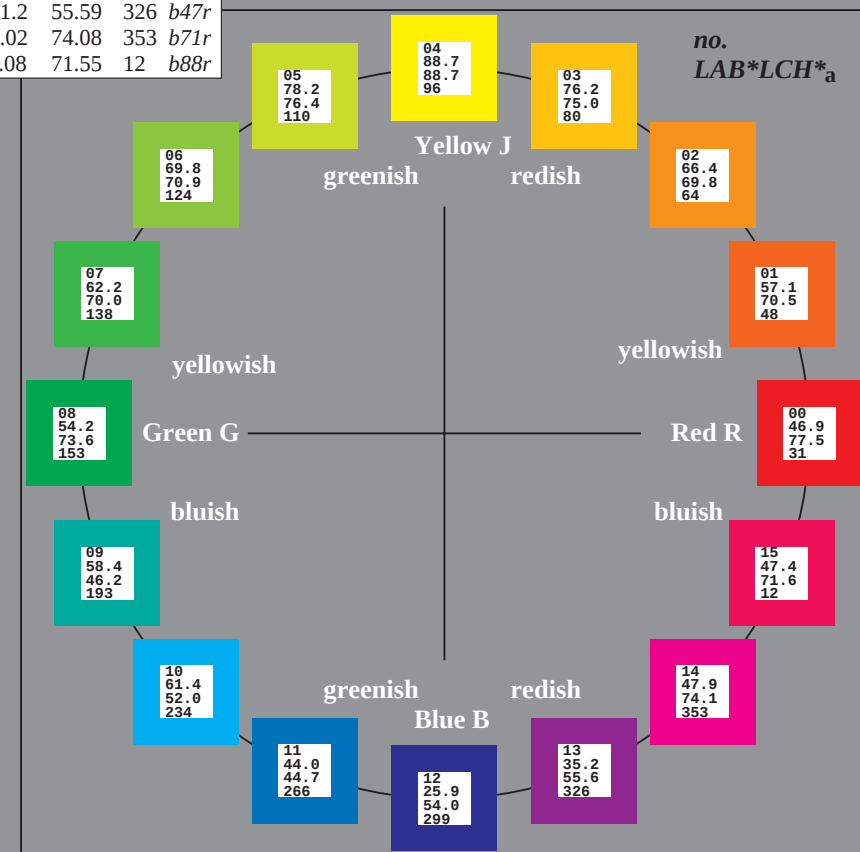
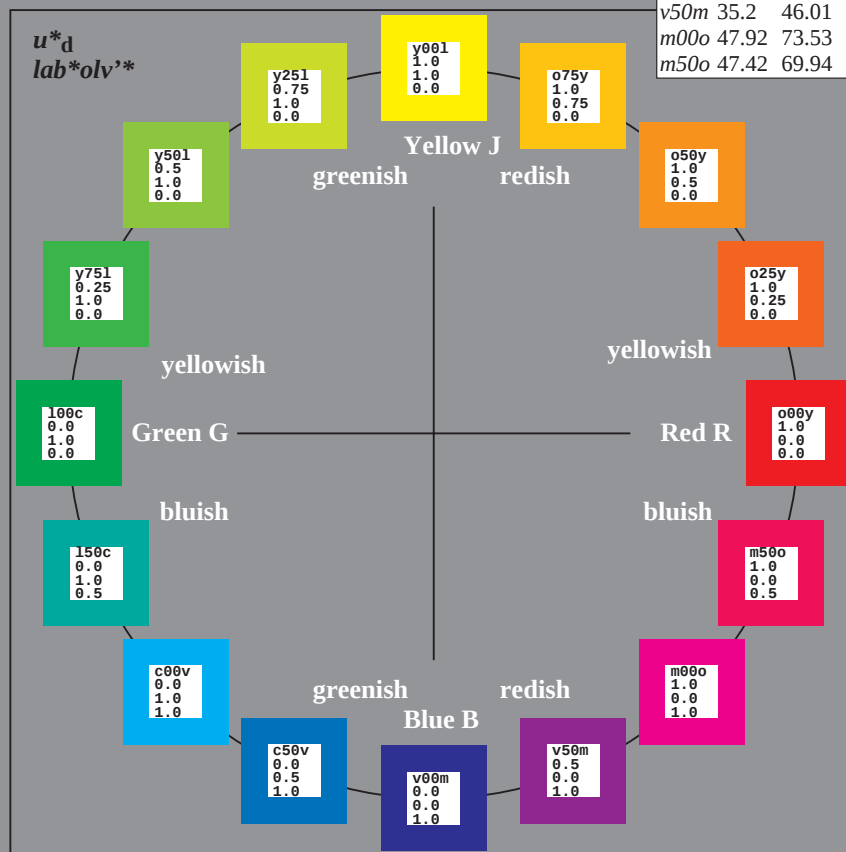
%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

ORS20\_95a; CIELAB data

| Name      | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|-----------|-----------|--------|--------|------------|------------|
| $O_M$     | 46.89     | 66.08  | 41.48  | 78.02      | 32         |
| $Y_M$     | 88.66     | -10.34 | 90.28  | 90.87      | 97         |
| $L_M$     | 54.22     | -65.51 | 35.22  | 74.38      | 152        |
| $C_M$     | 61.43     | -30.85 | -40.54 | 50.94      | 233        |
| $V_M$     | 25.93     | 26.15  | -46.61 | 53.44      | 299        |
| $M_M$     | 47.92     | 73.41  | -7.8   | 73.82      | 354        |
| $N_M$     | 20.41     | 0.28   | 0.64   | 0.7        | 66         |
| $W_M$     | 94.64     | -0.81  | 2.2    | 2.34       | 110        |
| $O_{CIE}$ | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| $Y_{CIE}$ | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| $L_{CIE}$ | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| $V_{CIE}$ | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

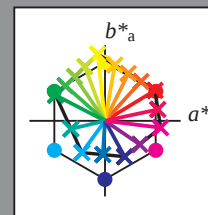


Input and output:  
Colorimetric Printer Reflective System ORS20\_95a  
data for any colour:

$u^*_d$  and number *no.* = 00 .. 15  
device hue text:  
 $u^*_d$  = 16 hues *o00y*, *o25y*, ..., *m50o*  
contrast reduction factor:  
 $c_R = 1.0$

ORS20\_95a; adapted (a) CIELAB data

| $u^*_d$     | $L^*=L^*_a$ | $a^*_a$ | $b^*_a$ | $C^*_{ab,a}$ | $h^*_{ab,a}$ | $u^*_e$     |
|-------------|-------------|---------|---------|--------------|--------------|-------------|
| <i>o00y</i> | 46.89       | 66.19   | 40.28   | 77.48        | 31           | <i>r09j</i> |
| <i>o25y</i> | 57.13       | 47.6    | 52.04   | 70.52        | 48           | <i>r33j</i> |
| <i>o50y</i> | 66.36       | 30.85   | 62.62   | 69.81        | 64           | <i>r57j</i> |
| <i>o75y</i> | 76.18       | 13.03   | 73.89   | 75.03        | 80           | <i>r81j</i> |
| <i>y00l</i> | 88.66       | -9.62   | 88.21   | 88.73        | 96           | <i>j06g</i> |
| <i>y25l</i> | 78.19       | -26.54  | 71.69   | 76.45        | 110          | <i>j25g</i> |
| <i>y50l</i> | 69.83       | -40.06  | 58.5    | 70.9         | 124          | <i>j45g</i> |
| <i>y75l</i> | 62.17       | -52.44  | 46.41   | 70.03        | 138          | <i>j65g</i> |
| <i>l00c</i> | 54.22       | -65.29  | 33.87   | 73.56        | 153          | <i>j85g</i> |
| <i>l50c</i> | 58.45       | -44.92  | -10.62  | 46.16        | 193          | <i>g28b</i> |
| <i>c00v</i> | 61.43       | -30.53  | -42.04  | 51.96        | 234          | <i>g65b</i> |
| <i>c50v</i> | 44.02       | -2.84   | -44.65  | 44.74        | 266          | <i>g95b</i> |
| <i>v00m</i> | 25.93       | 25.95   | -47.37  | 54.01        | 299          | <i>b23r</i> |
| <i>v50m</i> | 35.2        | 46.01   | -31.2   | 55.59        | 326          | <i>b47r</i> |
| <i>m00o</i> | 47.92       | 73.53   | -9.02   | 74.08        | 353          | <i>b71r</i> |
| <i>m50o</i> | 47.42       | 69.94   | 15.08   | 71.55        | 12           | <i>b88r</i> |



%Gamut

$u^*_{rel} = 87$

%Regularity

$g^*_{H,rel} = 67$

$g^*_{C,rel} = 59$

ORS20\_95a; CIELAB data

| Name      | $L^*=L^*$ | $a^*$  | $b^*$  | $C^*_{ab}$ | $h^*_{ab}$ |
|-----------|-----------|--------|--------|------------|------------|
| $O_M$     | 46.89     | 66.08  | 41.48  | 78.02      | 32         |
| $Y_M$     | 88.66     | -10.34 | 90.28  | 90.87      | 97         |
| $L_M$     | 54.22     | -65.51 | 35.22  | 74.38      | 152        |
| $C_M$     | 61.43     | -30.85 | -40.54 | 50.94      | 233        |
| $V_M$     | 25.93     | 26.15  | -46.61 | 53.44      | 299        |
| $M_M$     | 47.92     | 73.41  | -7.8   | 73.82      | 354        |
| $N_M$     | 20.41     | 0.28   | 0.64   | 0.7        | 66         |
| $W_M$     | 94.64     | -0.81  | 2.2    | 2.34       | 110        |
| $O_{CIE}$ | 39.92     | 58.74  | 27.99  | 65.07      | 25         |
| $Y_{CIE}$ | 81.26     | -2.89  | 71.56  | 71.62      | 92         |
| $L_{CIE}$ | 52.23     | -42.42 | 13.6   | 44.55      | 162        |
| $V_{CIE}$ | 30.57     | 1.41   | -46.47 | 46.49      | 272        |

