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| N                                                                                                                                                | S | N1    | N2  | N3  | N4  | N5  | NA1 | NA2 | NA3 | NA4 | NA5 | DV*1ab | DV*2ab | DV*3ab | DV*4ab | DV*vv  | S*ab,vv | DV*ab  | DV1ab | DV1vv | DV2ab | DV2vv | CODE | VIM   | no. | inr      | % |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--------|--------|--------|---------|--------|-------|-------|-------|-------|------|-------|-----|----------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=114, colour difference pairs VA_LC114=VIK ADJACENT, xchart=0, xchart3=0, xchart4=0 % |   |       |     |     |     |     |     |     |     |     |     |        |        |        |        |        |         |        |       |       |       |       |      |       |     |          |   |
| 1                                                                                                                                                | 3 | 1     | 2   | 3   | 0   | 0   | W   | CW  | C   | 0   | 0   | 34.22  | 33.16  | 0.0    | 0.0    | 29.22  | 67.39   | 34.22  | 0.507 | 0.433 | 0.492 | 0.566 | CW_W | 0.433 | 0   | 51000001 | % |
| 0.433                                                                                                                                            |   | 0.046 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-C   | 0.434  | 0.046  | i=0    | 38.17  | 67.39   | 33.16  | 0.49  | 0.56  | 0.5   | 0.43  | CW-C | 0.0   | 1   | 51000001 | % |
| 2                                                                                                                                                | 3 | 7     | 8   | 9   | 0   | 0   | W   | VW  | V   | 0   | 0   | 46.6   | 44.07  | 0.0    | 0.0    | 41.0   | 90.68   | 46.6   | 0.513 | 0.452 | 0.486 | 0.547 | VW-W | 0.452 | 2   | 51000002 | % |
| 0.452                                                                                                                                            |   | 0.074 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-V   | 0.452  | 0.075  | i=1    | 49.68  | 90.68   | 44.07  | 0.48  | 0.54  | 0.51  | 0.45  | VW-V | 0.0   | 3   | 51000002 | % |
| 3                                                                                                                                                | 3 | 13    | 14  | 15  | 0   | 0   | W   | MW  | M   | 0   | 0   | 46.11  | 44.36  | 0.0    | 0.0    | 38.84  | 90.47   | 46.11  | 0.509 | 0.429 | 0.49  | 0.57  | MW-W | 0.429 | 4   | 51000003 | % |
| 0.429                                                                                                                                            |   | 0.065 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-M   | 0.430  | 0.066  | i=2    | 51.63  | 90.47   | 44.36  | 0.49  | 0.57  | 0.5   | 0.42  | MW-M | 0.0   | 5   | 51000003 | % |
| 4                                                                                                                                                | 3 | 19    | 20  | 21  | 0   | 0   | W   | OW  | O   | 0   | 0   | 45.93  | 47.92  | 0.0    | 0.0    | 40.42  | 93.85   | 45.93  | 0.489 | 0.43  | 0.51  | 0.569 | OW_W | 0.43  | 6   | 51000004 | % |
| 0.43                                                                                                                                             |   | 0.082 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-O   | 0.431  | 0.082  | i=3    | 53.43  | 93.85   | 47.92  | 0.51  | 0.56  | 0.48  | 0.43  | OW-O | 0.0   | 7   | 51000004 | % |
| 5                                                                                                                                                | 3 | 25    | 26  | 27  | 0   | 0   | W   | YW  | Y   | 0   | 0   | 47.02  | 47.6   | 0.0    | 0.0    | 44.81  | 94.62   | 47.02  | 0.496 | 0.473 | 0.503 | 0.526 | YW-W | 0.473 | 8   | 51000005 | % |
| 0.473                                                                                                                                            |   | 0.108 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-Y   | 0.474  | 0.109  | i=4    | 49.81  | 94.62   | 47.6   | 0.5   | 0.52  | 0.49  | 0.47  | YW-Y | 0.0   | 9   | 51000005 | % |
| 6                                                                                                                                                | 3 | 31    | 32  | 33  | 0   | 0   | W   | LW  | L   | 0   | 0   | 41.97  | 39.28  | 0.0    | 0.0    | 39.0   | 81.25   | 41.97  | 0.516 | 0.48  | 0.483 | 0.52  | LW-W | 0.48  | 10  | 51000006 | % |
| 0.48                                                                                                                                             |   | 0.071 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-L   | 0.480  | 0.072  | i=5    | 42.25  | 81.25   | 39.28  | 0.48  | 0.52  | 0.51  | 0.48  | LW-L | 0.0   | 11  | 51000006 | % |
| 7                                                                                                                                                | 3 | 37    | 38  | 39  | 0   | 0   | C   | CN  | N   | 0   | 0   | 33.76  | 33.2   | 0.0    | 0.0    | 36.35  | 66.96   | 33.76  | 0.504 | 0.542 | 0.495 | 0.457 | CN-C | 0.542 | 12  | 51000007 | % |
| 0.542                                                                                                                                            |   | 0.081 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %C-N   | 0.543  | 0.082  | i=6    | 30.61  | 66.96   | 33.2   | 0.49  | 0.45  | 0.5   | 0.54  | CN-N | 0.0   | 13  | 51000007 | % |
| 8                                                                                                                                                | 3 | 43    | 44  | 45  | 0   | 0   | V   | VN  | N   | 0   | 0   | 26.91  | 28.06  | 0.0    | 0.0    | 33.1   | 54.98   | 26.91  | 0.489 | 0.602 | 0.51  | 0.397 | VN-V | 0.602 | 14  | 51000008 | % |
| 0.602                                                                                                                                            |   | 0.097 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %V-N   | 0.602  | 0.098  | i=7    | 21.87  | 54.98   | 28.06  | 0.51  | 0.39  | 0.48  | 0.6   | VN-N | 0.0   | 15  | 51000008 | % |
| 9                                                                                                                                                | 3 | 49    | 50  | 51  | 0   | 0   | M   | MN  | N   | 0   | 0   | 40.86  | 39.03  | 0.0    | 0.0    | 41.14  | 79.9    | 40.86  | 0.511 | 0.515 | 0.488 | 0.485 | MN-M | 0.515 | 16  | 51000009 | % |
| 0.515                                                                                                                                            |   | 0.08  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %M-N   | 0.515  | 0.080  | i=8    | 38.75  | 79.9    | 39.03  | 0.48  | 0.48  | 0.51  | 0.51  | MN-N | 0.0   | 17  | 51000009 | % |
| 10                                                                                                                                               | 3 | 55    | 56  | 57  | 0   | 0   | O   | ON  | N   | 0   | 0   | 43.76  | 43.7   | 0.0    | 0.0    | 45.48  | 87.47   | 43.76  | 0.5   | 0.52  | 0.499 | 0.48  | ON-O | 0.52  | 18  | 51000010 | % |
| 0.52                                                                                                                                             |   | 0.07  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %O-N   | 0.520  | 0.071  | i=9    | 41.98  | 87.47   | 43.7   | 0.49  | 0.48  | 0.5   | 0.52  | ON-N | 0.0   | 19  | 51000010 | % |
| 11                                                                                                                                               | 3 | 61    | 62  | 63  | 0   | 0   | Y   | YN  | N   | 0   | 0   | 59.89  | 59.3   | 0.0    | 0.0    | 58.06  | 119.19  | 59.89  | 0.502 | 0.487 | 0.497 | 0.512 | YN-Y | 0.487 | 20  | 51000011 | % |
| 0.487                                                                                                                                            |   | 0.088 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %Y-N   | 0.487  | 0.088  | i=10   | 61.13  | 119.19  | 59.3   | 0.49  | 0.51  | 0.5   | 0.48  | YN-N | 0.0   | 21  | 51000011 | % |
| 12                                                                                                                                               | 3 | 67    | 68  | 69  | 0   | 0   | L   | LN  | N   | 0   | 0   | 40.34  | 40.69  | 0.0    | 0.0    | 41.61  | 81.03   | 40.34  | 0.497 | 0.513 | 0.502 | 0.486 | LN-L | 0.513 | 22  | 51000012 | % |
| 0.513                                                                                                                                            |   | 0.082 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %L-N   | 0.514  | 0.083  | i=11   | 39.41  | 81.03   | 40.69  | 0.5   | 0.48  | 0.49  | 0.51  | LN-N | 0.0   | 23  | 51000012 | % |
| 13                                                                                                                                               | 3 | 209   | 210 | 211 | 0   | 0   | W   | C   | N   | 0   | 0   | 67.91  | 67.11  | 0.0    | 0.0    | 60.95  | 135.02  | 67.91  | 0.502 | 0.451 | 0.497 | 0.548 | C-W  | 0.451 | 24  | 51000013 | % |
| 0.451                                                                                                                                            |   | 0.058 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-C-N | 0.451  | 0.458  | i=12   | 74.07  | 135.02  | 67.11  | 0.49  | 0.54  | 0.5   | 0.45  | C-N  | 0.0   | 25  | 51000013 | % |
| 14                                                                                                                                               | 3 | 215   | 216 | 217 | 0   | 0   | W   | V   | N   | 0   | 0   | 91.44  | 55.28  | 0.0    | 0.0    | 91.28  | 146.73  | 91.44  | 0.623 | 0.622 | 0.376 | 0.377 | V-W  | 0.622 | 26  | 51000014 | % |
| 0.622                                                                                                                                            |   | 0.045 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-V-N | 0.622  | 0.620  | i=13   | 55.44  | 146.73  | 55.28  | 0.37  | 0.37  | 0.62  | 0.62  | V-N  | 0.0   | 27  | 51000014 | % |
| 15                                                                                                                                               | 3 | 221   | 222 | 223 | 0   | 0   | W   | M   | N   | 0   | 0   | 90.9   | 79.83  | 0.0    | 0.0    | 78.05  | 170.74  | 90.9   | 0.532 | 0.457 | 0.467 | 0.542 | M-W  | 0.457 | 28  | 51000015 | % |
| 0.457                                                                                                                                            |   | 0.062 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-M-N | 0.457  | 0.452  | i=14   | 92.68  | 170.74  | 79.83  | 0.46  | 0.54  | 0.53  | 0.45  | W-N  | 0.0   | 29  | 51000015 | % |
| 16                                                                                                                                               | 3 | 227   | 228 | 229 | 0   | 0   | W   | O   | N   | 0   | 0   | 93.92  | 87.56  | 0.0    | 0.0    | 84.26  | 181.48  | 93.92  | 0.517 | 0.464 | 0.482 | 0.535 | O-W  | 0.464 | 30  | 51000016 | % |
| 0.464                                                                                                                                            |   | 0.077 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-O-N | 0.464  | 0.440  | i=15   | 97.22  | 181.48  | 87.56  | 0.48  | 0.53  | 0.51  | 0.46  | O-N  | 0.0   | 31  | 51000016 | % |
| 17                                                                                                                                               | 3 | 233   | 234 | 235 | 0   | 0   | W   | Y   | N   | 0   | 0   | 93.07  | 121.09 | 0.0    | 0.0    | 74.19  | 214.17  | 93.07  | 0.434 | 0.346 | 0.565 | 0.653 | Y-W  | 0.346 | 32  | 51000017 | % |
| 0.346                                                                                                                                            |   | 0.101 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-Y-N | 0.347  | 0.336  | i=16   | 139.97 | 214.17  | 121.09 | 0.56  | 0.65  | 0.43  | 0.34  | Y-N  | 0.0   | 33  | 51000017 | % |
| 18                                                                                                                                               | 3 | 239   | 240 | 241 | 0   | 0   | W   | L   | N   | 0   | 0   | 81.49  | 81.35  | 0.0    | 0.0    | 81.3   | 162.84  | 81.49  | 0.5   | 0.499 | 0.499 | 0.5   | L-W  | 0.499 | 34  | 51000018 | % |
| 0.499                                                                                                                                            |   | 0.06  | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %W-L-N | 0.499  | 0.496  | i=17   | 81.54  | 162.84  | 81.35  | 0.49  | 0.5   | 0.5   | 0.49  | L-N  | 0.0   | 35  | 51000018 | % |
| 19                                                                                                                                               | 3 | 245   | 246 | 247 | 0   | 0   | C   | V   | M   | 0   | 0   | 69.79  | 61.54  | 0.0    | 0.0    | 66.51  | 131.34  | 69.79  | 0.531 | 0.506 | 0.468 | 0.493 | V-C  | 0.506 | 36  | 51000019 | % |
| 0.506                                                                                                                                            |   | 0.083 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %C-V-M | 0.499  | 0.492  | i=18   | 64.82  | 131.34  | 61.54  | 0.46  | 0.49  | 0.53  | 0.5   | V-M  | 0.0   | 37  | 51000019 | % |
| 20                                                                                                                                               | 3 | 251   | 252 | 253 | 0   | 0   | M   | O   | Y   | 0   | 0   | 60.1   | 95.24  | 0.0    | 0.0    | 58.25  | 155.35  | 60.1   | 0.386 | 0.375 | 0.613 | 0.625 | O-M  | 0.375 | 38  | 51000020 | % |
| 0.375                                                                                                                                            |   | 0.111 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %M-O-Y | 0.375  | 0.369  | i=19   | 97.09  | 155.35  | 95.24  | 0.61  | 0.62  | 0.38  | 0.37  | O-Y  | 0.0   | 39  | 51000020 | % |
| 21                                                                                                                                               | 3 | 257   | 258 | 259 | 0   | 0   | Y   | L   | C   | 0   | 0   | 89.69  | 88.84  | 0.0    | 0.0    | 92.45  | 178.54  | 89.69  | 0.502 | 0.517 | 0.497 | 0.482 | L-Y  | 0.517 | 40  | 51000021 | % |
| 0.517                                                                                                                                            |   | 0.056 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | %Y-L-C | 0.518  | 0.518  | i=20   | 86.08  | 178.54  | 88.84  | 0.49  | 0.48  | 0.5   | 0.51  | L-C  | 0.0   | 41  | 51000021 | % |
| 22                                                                                                                                               | 3 | 263   | 264 | 265 | 0   |     |     |     |     |     |     |        |        |        |        |        |         |        |       |       |       |       |      |       |     |          |   |

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| N                                                                                                                                                | S | N1    | N2  | N3    | N4  | N5    | NA1 | NA2   | NA3 | NA4   | NA5 | DV*1ab  | DV*2ab | DV*3ab | DV*4ab | DV*vv | S*ab,vv | DV*ab | DV1ab | DV1vv | DV2ab | DV2vv | CODE   | VIM   | no. | inr      | % |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|---------|--------|--------|--------|-------|---------|-------|-------|-------|-------|-------|--------|-------|-----|----------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=114, colour difference pairs VA_LC114=VIK_ADJACENT, xchart=1, xchart3=0, xchart4=0 % |   |       |     |       |     |       |     |       |     |       |     |         |        |        |        |       |         |       |       |       |       |       |        |       |     |          |   |
| 27                                                                                                                                               | 5 | 109   | 110 | 111   | 112 | 113   | W   | Wm    | CW  | Mw    | M   | 22.34   | 23.73  | 22.19  | 22.5   | 21.0  | 90.77   | 22.34 | 0.246 | 0.231 | 0.753 | 0.768 | W-Wm   | 0.231 | 58  | 51000027 | % |
| 0.231                                                                                                                                            |   | 0.041 |     | 0.469 |     | 0.049 |     | 0.69  |     | 0.065 |     | %W-3-M  | 0.231  | 0.042  | i=26   | 21.59 | 90.77   | 23.73 | 0.26  | 0.23  | 0.73  | 0.76  | Wm-MW  | 0.469 | 57  | 51000027 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 20.03   | 90.77  | 22.19  | 0.24   | 0.22  | 0.75    | 0.77  | 0.75  | 0.77  | 0.77  | 0.77  | MW-Mw  | 0.69  | 1   | 51000027 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 28.14   | 90.77  | 22.5   | 0.24   | 0.31  | 0.75    | 0.69  | 0.75  | 0.69  | 0.75  | 0.69  | Mw-M   | 0.0   | 59  | 51000027 | % |
| 28                                                                                                                                               | 5 | 119   | 120 | 121   | 122 | 123   | W   | Wo    | CW  | Ow    | O   | 22.94   | 23.82  | 24.97  | 22.64  | 21.1  | 94.38   | 22.94 | 0.243 | 0.223 | 0.756 | 0.776 | W-Wo   | 0.223 | 62  | 51000028 | % |
| 0.223                                                                                                                                            |   | 0.049 |     | 0.452 |     | 0.049 |     | 0.678 |     | 0.07  |     | %W-3-O  | 0.224  | 0.049  | i=27   | 21.64 | 94.38   | 23.82 | 0.25  | 0.22  | 0.74  | 0.77  | Wo-OW  | 0.452 | 61  | 51000028 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 21.3    | 94.38  | 24.97  | 0.26   | 0.22  | 0.73    | 0.77  | 0.77  | 0.77  | 0.77  | 0.77  | OW-OW  | 0.678 | 1   | 51000028 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 30.33   | 94.38  | 22.64  | 0.23   | 0.32  | 0.76    | 0.67  | 0.76  | 0.67  | 0.76  | 0.67  | Ow-O   | 0.0   | 63  | 51000028 | % |
| 29                                                                                                                                               | 5 | 129   | 130 | 131   | 132 | 133   | W   | Wy    | CW  | Yw    | Y   | 22.21   | 23.65  | 25.94  | 20.97  | 16.3  | 92.79   | 22.21 | 0.239 | 0.175 | 0.76  | 0.824 | W-Wy   | 0.175 | 66  | 51000029 | % |
| 0.175                                                                                                                                            |   | 0.042 |     | 0.488 |     | 0.053 |     | 0.732 |     | 0.086 |     | %W-3-Y  | 0.176  | 0.043  | i=28   | 29.03 | 92.79   | 23.65 | 0.25  | 0.31  | 0.74  | 0.68  | Wy-YW  | 0.488 | 65  | 51000029 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 22.6    | 92.79  | 25.94  | 0.27   | 0.24  | 0.72    | 0.75  | 0.75  | 0.75  | 0.75  | 0.75  | YW-Yw  | 0.732 | 1   | 51000029 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 24.85   | 92.79  | 20.97  | 0.22   | 0.26  | 0.77    | 0.73  | 0.77  | 0.73  | 0.77  | 0.73  | Yw-Y   | 0.0   | 67  | 51000029 | % |
| 30                                                                                                                                               | 5 | 139   | 140 | 141   | 142 | 143   | W   | Wl    | CW  | Lw    | L   | 20.01   | 21.19  | 19.69  | 20.27  | 18.84 | 81.18   | 20.01 | 0.246 | 0.232 | 0.753 | 0.767 | W-Wl   | 0.232 | 70  | 51000030 | % |
| 0.232                                                                                                                                            |   | 0.062 |     | 0.471 |     | 0.061 |     | 0.698 |     | 0.069 |     | %W-3-L  | 0.232  | 0.062  | i=29   | 19.42 | 81.18   | 21.19 | 0.26  | 0.23  | 0.73  | 0.76  | Wl-LW  | 0.471 | 69  | 51000030 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 18.43   | 81.18  | 19.69  | 0.24   | 0.22  | 0.75    | 0.77  | 0.77  | 0.77  | 0.77  | 0.77  | LW-Lw  | 0.698 | 1   | 51000030 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 24.47   | 81.18  | 20.27  | 0.24   | 0.3   | 0.75    | 0.69  | 0.75  | 0.69  | 0.75  | 0.69  | Lw-L   | 0.0   | 71  | 51000030 | % |
| 31                                                                                                                                               | 5 | 149   | 150 | 151   | 152 | 153   | C   | Cn    | CN  | Nc    | N   | 16.6    | 17.03  | 16.27  | 17.07  | 17.99 | 66.98   | 16.6  | 0.247 | 0.268 | 0.752 | 0.731 | C-Cn   | 0.268 | 74  | 51000031 | % |
| 0.268                                                                                                                                            |   | 0.055 |     | 0.502 |     | 0.062 |     | 0.748 |     | 0.056 |     | %C-3-N  | 0.268  | 0.055  | i=30   | 15.69 | 66.98   | 17.03 | 0.25  | 0.23  | 0.74  | 0.76  | Cn-CN  | 0.502 | 73  | 51000031 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 16.45   | 66.98  | 16.27  | 0.24   | 0.24  | 0.75    | 0.75  | 0.75  | 0.75  | 0.75  | 0.75  | CN-Nc  | 0.748 | 1   | 51000031 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 16.84   | 66.98  | 17.07  | 0.25   | 0.25  | 0.74    | 0.74  | 0.74  | 0.74  | 0.74  | 0.74  | Nc-N   | 0.0   | 75  | 51000031 | % |
| 32                                                                                                                                               | 5 | 159   | 160 | 161   | 162 | 163   | V   | Vn    | VN  | Nv    | N   | 12.49   | 14.09  | 14.93  | 13.61  | 14.77 | 55.14   | 12.49 | 0.226 | 0.267 | 0.773 | 0.732 | V-Vn   | 0.267 | 78  | 51000032 | % |
| 0.267                                                                                                                                            |   | 0.07  |     | 0.53  |     | 0.063 |     | 0.796 |     | 0.05  |     | %V-3-N  | 0.268  | 0.070  | i=31   | 14.49 | 55.14   | 14.09 | 0.25  | 0.26  | 0.74  | 0.73  | Vn-VN  | 0.53  | 77  | 51000032 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 14.65   | 55.14  | 14.93  | 0.27   | 0.26  | 0.72    | 0.73  | 0.73  | 0.73  | 0.73  | 0.73  | VN-Nv  | 0.796 | 1   | 51000032 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 11.22   | 55.14  | 13.61  | 0.24   | 0.2   | 0.75    | 0.79  | 0.79  | 0.79  | 0.79  | 0.79  | Nv-N   | 0.0   | 79  | 51000032 | % |
| 33                                                                                                                                               | 5 | 169   | 170 | 171   | 172 | 173   | M   | Mn    | MN  | Nm    | N   | 20.1    | 20.51  | 18.8   | 20.26  | 21.4  | 79.69   | 20.1  | 0.252 | 0.268 | 0.747 | 0.731 | M-Mn   | 0.268 | 82  | 51000033 | % |
| 0.268                                                                                                                                            |   | 0.041 |     | 0.5   |     | 0.04  |     | 0.723 |     | 0.056 |     | %M-3-N  | 0.269  | 0.042  | i=32   | 18.5  | 79.69   | 20.51 | 0.25  | 0.23  | 0.74  | 0.76  | Mn-MN  | 0.5   | 81  | 51000033 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 17.76   | 79.69  | 18.8   | 0.23   | 0.22  | 0.76    | 0.77  | 0.77  | 0.77  | 0.77  | 0.77  | MN-Nm  | 0.723 | 1   | 51000033 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 22.02   | 79.69  | 20.26  | 0.25   | 0.27  | 0.74    | 0.72  | 0.74  | 0.72  | 0.74  | 0.72  | Nm-N   | 0.0   | 83  | 51000033 | % |
| 34                                                                                                                                               | 5 | 179   | 180 | 181   | 182 | 183   | O   | On    | ON  | No    | N   | 22.7    | 21.8   | 20.33  | 23.51  | 23.15 | 88.34   | 22.7  | 0.256 | 0.262 | 0.743 | 0.737 | O-On   | 0.262 | 86  | 51000034 | % |
| 0.262                                                                                                                                            |   | 0.063 |     | 0.49  |     | 0.035 |     | 0.719 |     | 0.052 |     | %O-3-N  | 0.262  | 0.063  | i=33   | 20.19 | 88.34   | 21.8  | 0.24  | 0.22  | 0.75  | 0.77  | On-ON  | 0.49  | 85  | 51000034 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 20.19   | 88.34  | 20.33  | 0.23   | 0.22  | 0.76    | 0.77  | 0.77  | 0.77  | 0.77  | 0.77  | ON-No  | 0.719 | 1   | 51000034 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 24.8    | 88.34  | 23.51  | 0.26   | 0.28  | 0.73    | 0.71  | 0.73  | 0.71  | 0.73  | 0.71  | No-N   | 0.0   | 87  | 51000034 | % |
| 35                                                                                                                                               | 5 | 189   | 190 | 191   | 192 | 193   | Y   | Yn    | YN  | Ny    | N   | 29.12   | 31.21  | 28.89  | 30.39  | 29.73 | 119.63  | 29.12 | 0.243 | 0.248 | 0.756 | 0.751 | Y-Yn   | 0.248 | 90  | 51000035 | % |
| 0.248                                                                                                                                            |   | 0.06  |     | 0.492 |     | 0.063 |     | 0.705 |     | 0.066 |     | %Y-3-N  | 0.248  | 0.061  | i=34   | 29.13 | 119.63  | 31.21 | 0.26  | 0.24  | 0.73  | 0.75  | Yn-YN  | 0.492 | 89  | 51000035 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 25.46   | 119.63 | 28.89  | 0.24   | 0.21  | 0.75    | 0.78  | 0.78  | 0.78  | 0.78  | 0.78  | YN-Ny  | 0.705 | 1   | 51000035 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 35.29   | 119.63 | 30.39  | 0.25   | 0.29  | 0.74    | 0.7   | 0.74  | 0.7   | 0.74  | 0.7   | Ny-N   | 0.0   | 91  | 51000035 | % |
| 36                                                                                                                                               | 5 | 199   | 200 | 201   | 202 | 203   | L   | Ln    | LN  | Nl    | N   | 20.2    | 20.83  | 20.42  | 19.73  | 20.99 | 81.2    | 20.2  | 0.248 | 0.258 | 0.751 | 0.741 | L-Ln   | 0.258 | 94  | 51000036 | % |
| 0.258                                                                                                                                            |   | 0.053 |     | 0.5   |     | 0.04  |     | 0.722 |     | 0.054 |     | %L-3-N  | 0.258  | 0.053  | i=35   | 19.66 | 81.2    | 20.83 | 0.25  | 0.24  | 0.74  | 0.75  | Ln-LN  | 0.5   | 93  | 51000036 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 17.98   | 81.2   | 20.42  | 0.25   | 0.22  | 0.74    | 0.77  | 0.77  | 0.77  | 0.77  | 0.77  | LN-Nl  | 0.722 | 1   | 51000036 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     | 22.56   | 81.2   | 19.73  | 0.24   | 0.27  | 0.75    | 0.72  | 0.75  | 0.72  | 0.75  | 0.72  | Nl-N   | 0.0   | 95  | 51000036 | % |
| 37                                                                                                                                               | 3 | 281   | 282 | 283   | 0   | 0     | C   | CV    | V   | 0     | 0   | 35.03   | 35.26  | 0.0    | 0.0    | 32.48 | 70.3    | 35.03 | 0.498 | 0.462 | 0.501 | 0.537 | CV-C   | 0.462 | 96  | 51000037 | % |
| 0.462                                                                                                                                            |   | 0.087 |     | 0.0   |     | 0.0   |     | 0.0   |     | 0.0   |     | %C-CV-V | 0.462  | 0.46   | i=36   | 37.81 | 70.3    | 35.26 | 0.5   | 0.53  | 0.49  | 0.46  | C-CV   | 0.0   | 97  | 51000037 | % |
| 38                                                                                                                                               | 3 | 283   | 284 | 285   | 0   | 0     | V   | MV    | M   | 0     | 0   | 29.74   | 32.14  | 0.0    | 0.0    | 34.3  | 61.88   | 29.74 | 0.48  | 0.554 | 0.519 | 0.445 | VM-V   | 0.554 | 98  | 51000038 | % |
| 0.554                                                                                                                                            |   | 0.072 |     | 0.0   |     | 0.0   |     | 0.0   |     | 0.0   |     | %V-VM-M | 0.554  | 0.56   | i=37   | 27.58 | 61.88   | 32.14 | 0.51  | 0.44  | 0.48  | 0.55  | VM-M   | 0.0   | 99  | 51000038 | % |
| 39                                                                                                                                               | 3 | 291   | 292 | 293   | 0   | 0     | M   | MO    | O   | 0     | 0   | 29.58   | 30.02  | 0.0    | 0.0    | 33.68 | 59.61   | 29.58 | 0.496 | 0.565 | 0.503 | 0.434 | MO-M   | 0.565 | 100 | 51000039 | % |
| 0.565                                                                                                                                            |   | 0.138 |     | 0.0   |     | 0.0   |     | 0.0   |     | 0.0   |     | %M-MO-O | 0.565  | 0.59   | i=38   | 25.93 | 59.61   | 30.02 | 0.5   | 0.43  | 0.49  | 0.56  | MO-O   | 0.0   | 101 | 51000039 | % |
| 40                                                                                                                                               | 3 | 293   | 294 | 295   | 0   | 0     | O   | YO    | Y   | 0     | 0   | 48.88   | 46.54  | 0.0    | 0.0    | 43.96 | 95.43   | 48.88 | 0.512 | 0.46  | 0.487 | 0.539 | YO-O   | 0.46  | 102 | 51000040 | % |
| 0.46                                                                                                                                             |   | 0.085 |     | 0.0   |     | 0.0   |     | 0.0   |     | 0.0   |     | %O-YO-Y | 0.460  | 0.48   | i=39   | 51.46 | 95.43   | 46.54 | 0.48  | 0.53  | 0.51  | 0.46  | YO-Y   | 0.0   | 103 | 51000040 | % |
| 41                                                                                                                                               | 3 | 301   | 302 | 303   | 0   | 0     | Y   | YL    | L   | 0     | 0   | 47.1    | 41.44  | 0.0    | 0.0    | 38.83 | 88.54   | 47.1  | 0.531 | 0.438 | 0.468 | 0.561 | YL-Y</ |       |     |          |   |

TUB registration: 20140801-XE34/XE34L0NA.TXT /PS  
application for measurement of display or printer output, no separation  
TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/XE34/XE34.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| N                                                                                                                                               | S | N1    | N2  | N3  | N4 | N5  | NA1 | NA2 | NA3 | NA4 | NA5 | DV*1ab       | DV*2ab | DV*3ab | DV*4ab | DV*vk  | S*ab,vk | DV*ab  | DV1ab | DV1vk | DV2ab | DV2vk | CODE | VIM   | no. | inr      | % |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|-----|-----|----|-----|-----|-----|-----|-----|-----|--------------|--------|--------|--------|--------|---------|--------|-------|-------|-------|-------|------|-------|-----|----------|---|
| 1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=114, colour difference pairs KA_LC114=KIT_ADJACENT, xchart=2, xchart3=0, xchart4=1 % |   |       |     |     |    |     |     |     |     |     |     |              |        |        |        |        |         |        |       |       |       |       |      |       |     |          |   |
| 1                                                                                                                                               | 3 | 1     | 2   | 3   | 0  | 0   | W   | CW  | C   | 0   | 0   | 34.22        | 33.16  | 0.0    | 0.0    | 35.28  | 67.39   | 34.22  | 0.507 | 0.523 | 0.492 | 0.476 | CW-W | 0.523 | 0   | 52000001 | % |
| 0.0                                                                                                                                             |   | 0.0   |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | 123          |        |        | i=0    | 32.11  | 67.39   | 33.16  | 0.49  | 0.47  | 0.5   | 0.52  | CW-C | 0.0   | 1   | 52000001 | % |
| 2                                                                                                                                               | 3 | 7     | 8   | 9   | 0  | 0   | W   | VW  | V   | 0   | 0   | 46.6         | 44.07  | 0.0    | 0.0    | 41.23  | 90.68   | 46.6   | 0.513 | 0.454 | 0.486 | 0.545 | VW-W | 0.454 | 2   | 52000002 | % |
| 0.523                                                                                                                                           |   | 0.115 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-CW-C:1:25 |        |        | i=1    | 49.45  | 90.68   | 44.07  | 0.48  | 0.54  | 0.51  | 0.45  | VW-V | 0.0   | 3   | 52000002 | % |
| 3                                                                                                                                               | 3 | 13    | 14  | 15  | 0  | 0   | W   | MW  | M   | 0   | 0   | 46.11        | 44.36  | 0.0    | 0.0    | 40.71  | 90.47   | 46.11  | 0.509 | 0.45  | 0.49  | 0.549 | MW-W | 0.45  | 4   | 52000003 | % |
| 0.454                                                                                                                                           |   | 0.11  |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-VW-V:1:25 |        |        | i=2    | 49.76  | 90.47   | 44.36  | 0.49  | 0.54  | 0.5   | 0.45  | MW-M | 0.0   | 5   | 52000003 | % |
| 4                                                                                                                                               | 3 | 19    | 20  | 21  | 0  | 0   | W   | OW  | O   | 0   | 0   | 45.93        | 47.92  | 0.0    | 0.0    | 37.54  | 93.85   | 45.93  | 0.489 | 0.4   | 0.51  | 0.599 | OW-W | 0.4   | 6   | 52000004 | % |
| 0.45                                                                                                                                            |   | 0.112 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-MW-M:1:25 |        |        | i=3    | 56.31  | 93.85   | 47.92  | 0.51  | 0.59  | 0.48  | 0.4   | OW-O | 0.0   | 7   | 52000004 | % |
| 5                                                                                                                                               | 3 | 25    | 26  | 27  | 0  | 0   | W   | YW  | Y   | 0   | 0   | 47.02        | 47.6   | 0.0    | 0.0    | 40.63  | 94.62   | 47.02  | 0.496 | 0.429 | 0.503 | 0.57  | YW-W | 0.429 | 8   | 52000005 | % |
| 0.4                                                                                                                                             |   | 0.084 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-OW-O:1:25 |        |        | i=4    | 53.99  | 94.62   | 47.6   | 0.5   | 0.57  | 0.49  | 0.42  | YW-Y | 0.0   | 9   | 52000005 | % |
| 6                                                                                                                                               | 3 | 31    | 32  | 33  | 0  | 0   | W   | LW  | L   | 0   | 0   | 41.97        | 39.28  | 0.0    | 0.0    | 40.77  | 81.25   | 41.97  | 0.516 | 0.501 | 0.483 | 0.498 | LW-W | 0.501 | 10  | 52000006 | % |
| 0.429                                                                                                                                           |   | 0.143 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-YW-Y:1:25 |        |        | i=5    | 40.48  | 81.25   | 39.28  | 0.48  | 0.49  | 0.51  | 0.5   | LW-L | 0.0   | 11  | 52000006 | % |
| 7                                                                                                                                               | 3 | 37    | 38  | 39  | 0  | 0   | C   | CN  | N   | 0   | 0   | 33.76        | 33.2   | 0.0    | 0.0    | 36.24  | 66.96   | 33.76  | 0.504 | 0.541 | 0.495 | 0.458 | CN-C | 0.541 | 12  | 52000007 | % |
| 0.501                                                                                                                                           |   | 0.136 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-LW-L:1:25 |        |        | i=6    | 30.72  | 66.96   | 33.2   | 0.49  | 0.45  | 0.5   | 0.54  | CN-N | 0.0   | 13  | 52000007 | % |
| 8                                                                                                                                               | 3 | 43    | 44  | 45  | 0  | 0   | V   | VN  | N   | 0   | 0   | 26.91        | 28.06  | 0.0    | 0.0    | 27.32  | 54.98   | 26.91  | 0.489 | 0.497 | 0.51  | 0.502 | VN-V | 0.497 | 14  | 52000008 | % |
| 0.541                                                                                                                                           |   | 0.137 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %C-CN-N:1:25 |        |        | i=7    | 27.65  | 54.98   | 28.06  | 0.51  | 0.5   | 0.48  | 0.49  | VN-N | 0.0   | 15  | 52000008 | % |
| 9                                                                                                                                               | 3 | 49    | 50  | 51  | 0  | 0   | M   | MN  | N   | 0   | 0   | 40.86        | 39.03  | 0.0    | 0.0    | 42.06  | 79.9    | 40.86  | 0.511 | 0.526 | 0.488 | 0.473 | MN-M | 0.526 | 16  | 52000009 | % |
| 0.497                                                                                                                                           |   | 0.189 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %V-VN-N:1:25 |        |        | i=8    | 37.83  | 79.9    | 39.03  | 0.48  | 0.47  | 0.51  | 0.52  | MN-N | 0.0   | 17  | 52000009 | % |
| 10                                                                                                                                              | 3 | 55    | 56  | 57  | 0  | 0   | O   | ON  | N   | 0   | 0   | 43.76        | 43.7   | 0.0    | 0.0    | 46.3   | 87.47   | 43.76  | 0.5   | 0.529 | 0.499 | 0.47  | ON-O | 0.529 | 18  | 52000010 | % |
| 0.526                                                                                                                                           |   | 0.129 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %M-MN-N:1:25 |        |        | i=9    | 41.16  | 87.47   | 43.7   | 0.49  | 0.47  | 0.5   | 0.52  | ON-N | 0.0   | 19  | 52000010 | % |
| 11                                                                                                                                              | 3 | 61    | 62  | 63  | 0  | 0   | Y   | YN  | N   | 0   | 0   | 59.89        | 59.3   | 0.0    | 0.0    | 53.98  | 119.19  | 59.89  | 0.502 | 0.452 | 0.497 | 0.547 | YN-Y | 0.452 | 20  | 52000011 | % |
| 0.529                                                                                                                                           |   | 0.131 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %O-ON-N:1:25 |        |        | i=10   | 65.2   | 119.19  | 59.3   | 0.49  | 0.54  | 0.5   | 0.45  | YN-N | 0.0   | 21  | 52000011 | % |
| 12                                                                                                                                              | 3 | 67    | 68  | 69  | 0  | 0   | L   | LN  | N   | 0   | 0   | 40.34        | 40.69  | 0.0    | 0.0    | 35.51  | 81.03   | 40.34  | 0.497 | 0.438 | 0.502 | 0.561 | LN-L | 0.438 | 22  | 52000012 | % |
| 0.452                                                                                                                                           |   | 0.13  |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %Y-YN-N:1:25 |        |        | i=11   | 45.52  | 81.03   | 40.69  | 0.5   | 0.56  | 0.49  | 0.43  | LN-N | 0.0   | 23  | 52000012 | % |
| 13                                                                                                                                              | 3 | 209   | 210 | 211 | 0  | 0   | W   | C   | N   | 0   | 0   | 67.91        | 67.11  | 0.0    | 0.0    | 61.39  | 135.02  | 67.91  | 0.502 | 0.454 | 0.497 | 0.545 | C-W  | 0.454 | 24  | 52000013 | % |
| 0.438                                                                                                                                           |   | 0.14  |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %L-LN-N:1:25 |        |        | i=12   | 73.63  | 135.02  | 67.11  | 0.49  | 0.54  | 0.5   | 0.45  | C-N  | 0.0   | 25  | 52000013 | % |
| 14                                                                                                                                              | 3 | 215   | 216 | 217 | 0  | 0   | W   | V   | N   | 0   | 0   | 91.44        | 55.28  | 0.0    | 0.0    | 104.87 | 146.73  | 91.44  | 0.623 | 0.714 | 0.376 | 0.285 | V-W  | 0.714 | 26  | 52000014 | % |
| 0.454                                                                                                                                           |   | 0.12  |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-C-N:1:27  |        |        | i=13   | 41.86  | 146.73  | 55.28  | 0.37  | 0.28  | 0.62  | 0.71  | V-N  | 0.0   | 27  | 52000014 | % |
| 15                                                                                                                                              | 3 | 221   | 222 | 223 | 0  | 0   | W   | M   | N   | 0   | 0   | 90.9         | 79.83  | 0.0    | 0.0    | 74.32  | 170.74  | 90.9   | 0.532 | 0.435 | 0.467 | 0.564 | M-W  | 0.435 | 28  | 52000015 | % |
| 0.714                                                                                                                                           |   | 0.074 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-V-N:1:27  |        |        | i=14   | 96.41  | 170.74  | 79.83  | 0.46  | 0.56  | 0.53  | 0.43  | W-N  | 0.0   | 29  | 52000015 | % |
| 0.435                                                                                                                                           |   | 0.098 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-M-N:1:27  |        |        | i=15   | 94.48  | 181.48  | 93.92  | 0.517 | 0.479 | 0.482 | 0.52  | O-W  | 0.479 | 30  | 52000016 | % |
| 17                                                                                                                                              | 3 | 233   | 234 | 235 | 0  | 0   | W   | Y   | N   | 0   | 0   | 93.07        | 121.09 | 0.0    | 0.0    | 65.26  | 214.17  | 93.07  | 0.434 | 0.304 | 0.565 | 0.695 | Y-W  | 0.304 | 32  | 52000017 | % |
| 0.479                                                                                                                                           |   | 0.112 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-O-N:1:27  |        |        | i=16   | 148.91 | 214.17  | 121.09 | 0.56  | 0.69  | 0.43  | 0.3   | Y-N  | 0.0   | 33  | 52000017 | % |
| 18                                                                                                                                              | 3 | 239   | 240 | 241 | 0  | 0   | W   | L   | N   | 0   | 0   | 81.49        | 81.35  | 0.0    | 0.0    | 82.38  | 162.84  | 81.49  | 0.5   | 0.505 | 0.499 | 0.494 | L-W  | 0.505 | 34  | 52000018 | % |
| 0.304                                                                                                                                           |   | 0.098 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-Y-N:1:27  |        |        | i=17   | 80.46  | 162.84  | 81.35  | 0.49  | 0.49  | 0.5   | 0.5   | L-N  | 0.0   | 35  | 52000018 | % |
| 19                                                                                                                                              | 3 | 245   | 246 | 247 | 0  | 0   | C   | V   | M   | 0   | 0   | 69.79        | 61.54  | 0.0    | 0.0    | 62.96  | 131.34  | 69.79  | 0.531 | 0.479 | 0.468 | 0.52  | V-C  | 0.479 | 36  | 52000019 | % |
| 0.505                                                                                                                                           |   | 0.093 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-L-N:1:27  |        |        | i=18   | 68.37  | 131.34  | 61.54  | 0.46  | 0.52  | 0.53  | 0.47  | V-M  | 0.0   | 37  | 52000019 | % |
| 20                                                                                                                                              | 3 | 251   | 252 | 253 | 0  | 0   | M   | O   | Y   | 0   | 0   | 60.1         | 95.24  | 0.0    | 0.0    | 51.17  | 155.35  | 60.1   | 0.386 | 0.329 | 0.613 | 0.67  | O-M  | 0.329 | 38  | 52000020 | % |
| 0.479                                                                                                                                           |   | 0.097 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %C-V-M:1:27  |        |        | i=19   | 104.17 | 155.35  | 95.24  | 0.61  | 0.67  | 0.38  | 0.32  | O-Y  | 0.0   | 39  | 52000020 | % |
| 21                                                                                                                                              | 3 | 257   | 258 | 259 | 0  | 0   | Y   | L   | C   | 0   | 0   | 89.69        | 88.84  | 0.0    | 0.0    | 107.96 | 178.54  | 89.69  | 0.502 | 0.604 | 0.497 | 0.395 | L-Y  | 0.604 | 40  | 52000021 | % |
| 0.329                                                                                                                                           |   | 0.128 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %M-O-Y:1:27  |        |        | i=20   | 70.57  | 178.54  | 88.84  | 0.49  | 0.39  | 0.5   | 0.6   | L-C  | 0.0   | 41  | 52000021 | % |
| 22                                                                                                                                              | 3 | 263   | 264 | 265 | 0  | 0   | V   | C   | L   | 0   | 0   | 69.88        | 88.65  | 0.0    | 0.0    | 93.07  | 158.54  | 69.88  | 0.44  | 0.587 | 0.559 | 0.412 | C-V  | 0.587 | 42  | 52000022 | % |
| 0.604                                                                                                                                           |   | 0.094 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %Y-L-C:1:27  |        |        | i=21   | 65.46  | 158.54  | 88.65  | 0.55  | 0.41  | 0.44  | 0.58  | C-L  | 0.0   | 43  | 52000022 | % |
| 23                                                                                                                                              | 3 | 269   | 270 | 271 | 0  | 0   | L   | Y   | O   | 0   | 0   | 88.76        | 95.6   | 0.0    | 0.0    | 101.94 | 184.36  | 88.76  | 0.481 | 0.552 | 0.518 | 0.447 | Y-L  | 0.552 | 44  | 52000023 | % |
| 0.587                                                                                                                                           |   | 0.128 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %V-C-L:1:27  |        |        | i=22   | 82.42  | 184.36  | 95.6   | 0.51  | 0.44  | 0.48  | 0.55  | Y-O  | 0.0   | 45  | 52000023 | % |
| 24                                                                                                                                              | 3 | 275   | 276 | 277 | 0  | 0   | O   | M   | V   | 0   | 0   | 59.72</      |        |        |        |        |         |        |       |       |       |       |      |       |     |          |   |

http://130.149.60.45/~farbmetrik/XE34/XE34L0NA.TXT /PS; transfer output

N: no 3D-linearization (OL) in file (F) or PS-startup (S), page 4/8

see similar files: <http://130.149.60.45/~farbmetrik/XE34/XE34L0NA.TXT>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| N                                                                                                                                                | S | N1    | N2  | N3    | N4  | N5    | NA1 | NA2   | NA3 | NA4   | NA5 | DV*1ab       | DV*2ab | DV*3ab | DV*4ab | DV*vk | S*ab,vk | DV*ab | DV1ab | DV1vk | DV2ab | DV2vk | CODE  | VIM   | no. | inr      | % |
|--------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|--------------|--------|--------|--------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-----|----------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=114, colour difference pairs KA_LC114=KIT_ADJACENT, xchart=3, xchart3=0, xchart4=1 % |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        |       |         |       |       |       |       |       |       |       |     |          |   |
| 27                                                                                                                                               | 5 | 109   | 110 | 111   | 112 | 113   | W   | Wm    | CW  | Mw    | M   | 22.34        | 23.73  | 22.19  | 22.5   | 23.22 | 90.77   | 22.34 | 0.246 | 0.255 | 0.753 | 0.744 | W-Wm  | 0.255 | 58  | 52000027 | % |
| 0.232                                                                                                                                            |   | 0.059 |     | 0.444 |     | 0.07  |     | 0.659 |     | 0.076 |     | %W-3-V:1:26  |        |        | i=26   | 19.75 | 90.77   | 23.73 | 0.26  | 0.21  | 0.73  | 0.78  | Wm-MW | 0.473 | 57  | 52000027 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 21.35 | 90.77   | 22.19 | 0.24  | 0.23  | 0.75  | 0.76  | MW-Mw | 0.708 | 1   | 52000027 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 26.43 | 90.77   | 22.5  | 0.24  | 0.29  | 0.75  | 0.7   | Mw-M  | 0.0   | 59  | 52000027 | % |
| 28                                                                                                                                               | 5 | 119   | 120 | 121   | 122 | 123   | W   | Wo    | CW  | Ow    | O   | 22.94        | 23.82  | 24.97  | 22.64  | 21.37 | 94.38   | 22.94 | 0.243 | 0.226 | 0.756 | 0.773 | W-Wo  | 0.226 | 62  | 52000028 | % |
| 0.255                                                                                                                                            |   | 0.063 |     | 0.473 |     | 0.085 |     | 0.708 |     | 0.086 |     | %W-3-M:1:26  |        |        | i=27   | 20.82 | 94.38   | 23.82 | 0.25  | 0.22  | 0.74  | 0.77  | Wo-OW | 0.447 | 61  | 52000028 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 22.87 | 94.38   | 24.97 | 0.26  | 0.24  | 0.73  | 0.75  | OW-OW | 0.689 | 1   | 52000028 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 29.31 | 94.38   | 22.64 | 0.23  | 0.31  | 0.76  | 0.68  | Ow-O  | 0.0   | 63  | 52000028 | % |
| 29                                                                                                                                               | 5 | 129   | 130 | 131   | 132 | 133   | W   | Wy    | CW  | Yw    | Y   | 22.21        | 23.65  | 25.94  | 20.97  | 21.83 | 92.79   | 22.21 | 0.239 | 0.235 | 0.76  | 0.764 | W-Wy  | 0.235 | 66  | 52000029 | % |
| 0.226                                                                                                                                            |   | 0.062 |     | 0.447 |     | 0.089 |     | 0.689 |     | 0.089 |     | %W-3-O:1:26  |        |        | i=28   | 20.9  | 92.79   | 23.65 | 0.25  | 0.22  | 0.74  | 0.77  | Wy-YW | 0.46  | 65  | 52000029 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 23.96 | 92.79   | 25.94 | 0.27  | 0.25  | 0.72  | 0.74  | YW-Yw | 0.718 | 1   | 52000029 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 26.09 | 92.79   | 20.97 | 0.22  | 0.28  | 0.77  | 0.71  | Yw-Y  | 0.0   | 67  | 52000029 | % |
| 30                                                                                                                                               | 5 | 139   | 140 | 141   | 142 | 143   | W   | Wl    | CW  | Lw    | L   | 20.01        | 21.19  | 19.69  | 20.27  | 20.43 | 81.18   | 20.01 | 0.246 | 0.251 | 0.753 | 0.748 | W-Wl  | 0.251 | 70  | 52000030 | % |
| 0.235                                                                                                                                            |   | 0.081 |     | 0.46  |     | 0.089 |     | 0.718 |     | 0.108 |     | %W-3-Y:1:26  |        |        | i=29   | 17.19 | 81.18   | 21.19 | 0.26  | 0.21  | 0.73  | 0.78  | Wl-LW | 0.463 | 69  | 52000030 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 18.86 | 81.18   | 19.69 | 0.24  | 0.23  | 0.75  | 0.76  | LW-Lw | 0.695 | 1   | 52000030 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 24.68 | 81.18   | 20.27 | 0.24  | 0.3   | 0.75  | 0.69  | Lw-L  | 0.0   | 71  | 52000030 | % |
| 31                                                                                                                                               | 5 | 149   | 150 | 151   | 152 | 153   | C   | Cn    | CN  | Nc    | N   | 16.6         | 17.03  | 16.27  | 17.07  | 19.11 | 66.98   | 16.6  | 0.247 | 0.285 | 0.752 | 0.714 | C-Cn  | 0.285 | 74  | 52000031 | % |
| 0.251                                                                                                                                            |   | 0.078 |     | 0.463 |     | 0.066 |     | 0.695 |     | 0.096 |     | %W-3-L:1:26  |        |        | i=30   | 15.17 | 66.98   | 17.03 | 0.25  | 0.22  | 0.74  | 0.77  | Cn-CN | 0.511 | 73  | 52000031 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 16.86 | 66.98   | 16.27 | 0.24  | 0.25  | 0.75  | 0.74  | CN-Nc | 0.763 | 1   | 52000031 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 15.84 | 66.98   | 17.07 | 0.25  | 0.23  | 0.74  | 0.76  | Nc-N  | 0.0   | 75  | 52000031 | % |
| 32                                                                                                                                               | 5 | 159   | 160 | 161   | 162 | 163   | V   | Vn    | VN  | Nv    | N   | 12.49        | 14.09  | 14.93  | 13.61  | 12.0  | 55.14   | 12.49 | 0.226 | 0.217 | 0.773 | 0.782 | V-Vn  | 0.217 | 78  | 52000032 | % |
| 0.285                                                                                                                                            |   | 0.081 |     | 0.511 |     | 0.063 |     | 0.763 |     | 0.064 |     | %C-3-N:1:26  |        |        | i=31   | 14.59 | 55.14   | 14.09 | 0.25  | 0.26  | 0.74  | 0.73  | Vn-VN | 0.482 | 77  | 52000032 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 16.7  | 55.14   | 14.93 | 0.27  | 0.3   | 0.72  | 0.69  | VN-Nv | 0.785 | 1   | 52000032 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 11.83 | 55.14   | 13.61 | 0.24  | 0.21  | 0.75  | 0.78  | Nv-N  | 0.0   | 79  | 52000032 | % |
| 33                                                                                                                                               | 5 | 169   | 170 | 171   | 172 | 173   | M   | Mn    | MN  | Nm    | N   | 20.1         | 20.51  | 18.8   | 20.26  | 23.2  | 79.69   | 20.1  | 0.252 | 0.291 | 0.747 | 0.708 | M-Mn  | 0.291 | 82  | 52000033 | % |
| 0.217                                                                                                                                            |   | 0.109 |     | 0.482 |     | 0.096 |     | 0.785 |     | 0.08  |     | %V-3-N:1:26  |        |        | i=32   | 18.37 | 79.69   | 20.51 | 0.25  | 0.23  | 0.74  | 0.76  | Mn-MN | 0.521 | 81  | 52000033 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 15.37 | 79.69   | 18.8  | 0.23  | 0.19  | 0.76  | 0.8   | MN-Nm | 0.714 | 1   | 52000033 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 22.73 | 79.69   | 20.26 | 0.25  | 0.28  | 0.74  | 0.71  | Nm-N  | 0.0   | 83  | 52000033 | % |
| 34                                                                                                                                               | 5 | 179   | 180 | 181   | 182 | 183   | O   | On    | ON  | No    | N   | 22.7         | 21.8   | 20.33  | 23.51  | 25.1  | 88.34   | 22.7  | 0.256 | 0.284 | 0.743 | 0.715 | O-On  | 0.284 | 86  | 52000034 | % |
| 0.291                                                                                                                                            |   | 0.075 |     | 0.521 |     | 0.09  |     | 0.714 |     | 0.096 |     | %M-3-N:1:26  |        |        | i=33   | 17.51 | 88.34   | 21.8  | 0.24  | 0.19  | 0.75  | 0.8   | On-ON | 0.482 | 85  | 52000034 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 21.04 | 88.34   | 20.33 | 0.23  | 0.23  | 0.76  | 0.76  | ON-No | 0.72  | 1   | 52000034 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 24.68 | 88.34   | 23.51 | 0.26  | 0.27  | 0.73  | 0.72  | No-N  | 0.0   | 87  | 52000034 | % |
| 35                                                                                                                                               | 5 | 189   | 190 | 191   | 192 | 193   | Y   | Yn    | YN  | Ny    | N   | 29.12        | 31.21  | 28.89  | 30.39  | 32.72 | 119.63  | 29.12 | 0.243 | 0.273 | 0.756 | 0.726 | Y-Yn  | 0.273 | 90  | 52000035 | % |
| 0.284                                                                                                                                            |   | 0.096 |     | 0.482 |     | 0.096 |     | 0.72  |     | 0.109 |     | %O-3-N:1:26  |        |        | i=34   | 26.03 | 119.63  | 31.21 | 0.26  | 0.21  | 0.73  | 0.78  | Yn-YN | 0.491 | 89  | 52000035 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 22.51 | 119.63  | 28.89 | 0.24  | 0.18  | 0.75  | 0.81  | YN-Ny | 0.679 | 1   | 52000035 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 38.35 | 119.63  | 30.39 | 0.25  | 0.32  | 0.74  | 0.67  | Ny-N  | 0.0   | 91  | 52000035 | % |
| 36                                                                                                                                               | 5 | 199   | 200 | 201   | 202 | 203   | L   | Ln    | LN  | Nl    | N   | 20.2         | 20.83  | 20.42  | 19.73  | 21.97 | 81.2    | 20.2  | 0.248 | 0.27  | 0.751 | 0.729 | L-Ln  | 0.27  | 94  | 52000036 | % |
| 0.273                                                                                                                                            |   | 0.097 |     | 0.491 |     | 0.116 |     | 0.679 |     | 0.128 |     | %Y-3-N:1:26  |        |        | i=35   | 15.38 | 81.2    | 20.83 | 0.25  | 0.18  | 0.74  | 0.81  | Ln-LN | 0.46  | 93  | 52000036 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 22.35 | 81.2    | 20.42 | 0.25  | 0.27  | 0.74  | 0.72  | LN-Nl | 0.735 | 1   | 52000036 | % |
|                                                                                                                                                  |   |       |     |       |     |       |     |       |     |       |     |              |        |        |        | 21.49 | 81.2    | 19.73 | 0.24  | 0.26  | 0.75  | 0.73  | Nl-N  | 0.0   | 95  | 52000036 | % |
| 37                                                                                                                                               | 3 | 281   | 282 | 283   | 0   | 0     | C   | CV    | V   | 0     | 0   | 35.03        | 35.26  | 0.0    | 0.0    | 33.49 | 70.3    | 35.03 | 0.498 | 0.476 | 0.501 | 0.523 | CV-C  | 0.476 | 96  | 52000037 | % |
| 0.27                                                                                                                                             |   | 0.082 |     | 0.46  |     | 0.067 |     | 0.735 |     | 0.068 |     | %L-3-N:1:26  |        |        | i=36   | 36.8  | 70.3    | 35.26 | 0.5   | 0.52  | 0.49  | 0.47  | CV-V  | 0.0   | 97  | 52000037 | % |
| 38                                                                                                                                               | 3 | 283   | 284 | 285   | 0   | 0     | V   | MV    | M   | 0     | 0   | 29.74        | 32.14  | 0.0    | 0.0    | 32.58 | 61.88   | 29.74 | 0.48  | 0.526 | 0.519 | 0.473 | VM-V  | 0.526 | 98  | 52000038 | % |
| 0.476                                                                                                                                            |   | 0.105 |     | 0.0   |     | 0.0   |     | 0.0   |     | 0.0   |     | %C-CV-V:1:27 |        |        | i=37   | 29.3  | 61.88   | 32.14 | 0.51  | 0.47  | 0.48  | 0.52  | VM-M  | 0.0   | 99  | 52000038 | % |
| 39                                                                                                                                               | 3 | 291   | 292 | 293   | 0   | 0     | M   | MO    | O   | 0     | 0   | 29.58        | 30.02  | 0.0    | 0.0    | 36.22 | 59.61   | 29.58 | 0.496 | 0.607 | 0.503 | 0.392 | MO-M  | 0.607 | 100 | 52000039 | % |
| 0.526                                                                                                                                            |   | 0.089 |     | 0.0   |     | 0.0   |     | 0.0   |     | 0.0   |     | %V-VM-M:1:27 |        |        | i=38   | 23.38 | 59.61   | 30.02 | 0.5   | 0.39  | 0.49  | 0.6   | MO-O  | 0.0   | 101 | 52000039 | % |
| 40                                                                                                                                               | 3 | 293   | 294 | 295   | 0   | 0     | O   | YO    | Y   | 0     | 0   | 48.88        | 46.54  | 0.0    | 0.0    | 47.71 | 95.43   | 48.88 | 0.512 | 0.5   | 0.487 | 0.5   | YO-O  | 0.5   | 102 | 52000040 | % |
| 0.607                                                                                                                                            |   | 0.205 |     | 0.0   |     | 0.0   |     | 0.0   |     | 0.0   |     | %M-MO-O:1:27 |        |        | i=39   | 47.71 | 95.43   | 46.54 | 0.48  | 0.5   | 0.51  | 0.5   | YO-Y  | 0.0   | 103 | 52000040 | % |
| 41                                                                                                                                               | 3 | 301   | 302 | 303   | 0   | 0     | Y   | YL    | L   | 0     | 0   | 47.1         | 41.44  | 0.0    | 0.0    | 46.56 | 88.54   | 47.1  | 0.531 | 0.525 | 0.468 | 0.474 | YL-Y  | 0.525 | 104 | 52000041 | % |
| 0.5                                                                                                                                              |   | 0.102 |     | 0.0   |     | 0.0   |     | 0.0   |     | 0.0   |     | %O-YO-Y:1:27 |        |        | i=40   | 41.98 | 88.54   | 41.44 | 0.46  | 0.47  | 0.53  | 0.52  | YL-L  | 0.0   | 105 | 52000041 | % |

TUB-test chart XE34; Colour differences and formulae

KA\_LC114=KIT\_ADJACENT, difference experiments, Anchor difference: CIELAB, 301

input: w/rgb/cmyk -> (w/rgb/cmyk)

TUB registration: 20140801-XE34/XE34L0NA.TXT /PS  
application for measurement of display or printer output, no separation  
TUB material: code=rha4ta

see similar files: <http://130.149.60.45/~farbmetrik/XE34/XE34.HTM>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| N                                                                                                                                               | S | N1    | N2  | N3  | N4 | N5  | NA1 | NA2 | NA3 | NA4   | NA5 | DV*1ab      | DV*2ab | DV*3ab | DV*4ab | DV*vk  | S*ab,vk | DV*ab  | DV1ab | DV1vk | DV2ab | DV2vk | CODE | VIM   | no. | inr      | % |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|-----|-----|----|-----|-----|-----|-----|-------|-----|-------------|--------|--------|--------|--------|---------|--------|-------|-------|-------|-------|------|-------|-----|----------|---|
| 1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=114, colour difference pairs KS_LC114=KIT_SEPARATE, xchart=4, xchart3=0, xchart4=2 % |   |       |     |     |    |     |     |     |     |       |     |             |        |        |        |        |         |        |       |       |       |       |      |       |     |          |   |
| 1                                                                                                                                               | 3 | 4     | 5   | 6   | 0  | 0   | W   | CW  | C   | 0     | 0   | 34.3        | 33.07  | 0.0    | 0.0    | 33.29  | 67.38   | 34.3   | 0.509 | 0.494 | 0.49  | 0.505 | CW_W | 0.494 | 0   | 53000001 | % |
| 0.0                                                                                                                                             |   | 0.0   |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | 123         |        |        | i=0    | 34.08  | 67.38   | 33.07  | 0.49  | 0.5   | 0.5   | 0.505 | CW-C | 0.0   | 1   | 53000001 | % |
| 2                                                                                                                                               | 3 | 10    | 11  | 12  | 0  | 0   | W   | VW  | V   | 0     | 0   | 46.73       | 43.93  | 0.0    | 0.0    | 40.05  | 90.66   | 46.73  | 0.515 | 0.441 | 0.484 | 0.558 | VW-W | 0.441 | 2   | 53000002 | % |
| 0.494                                                                                                                                           |   | 0.101 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-C-1:25   |        |        | i=1    | 50.61  | 90.66   | 43.93  | 0.48  | 0.55  | 0.51  | 0.44  | VW-V | 0.0   | 3   | 53000002 | % |
| 3                                                                                                                                               | 3 | 16    | 17  | 18  | 0  | 0   | W   | MW  | M   | 0     | 0   | 46.29       | 44.49  | 0.0    | 0.0    | 42.18  | 90.78   | 46.29  | 0.509 | 0.464 | 0.49  | 0.535 | MW-W | 0.464 | 4   | 53000003 | % |
| 0.441                                                                                                                                           |   | 0.159 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-V-1:25   |        |        | i=2    | 48.59  | 90.78   | 44.49  | 0.49  | 0.53  | 0.5   | 0.46  | MW-M | 0.0   | 5   | 53000003 | % |
| 4                                                                                                                                               | 3 | 22    | 23  | 24  | 0  | 0   | W   | OW  | O   | 0     | 0   | 46.1        | 47.44  | 0.0    | 0.0    | 43.47  | 93.55   | 46.1   | 0.492 | 0.464 | 0.507 | 0.535 | OW_W | 0.464 | 6   | 53000004 | % |
| 0.464                                                                                                                                           |   | 0.103 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-M-1:25   |        |        | i=3    | 50.07  | 93.55   | 47.44  | 0.5   | 0.53  | 0.49  | 0.46  | OW-O | 0.0   | 7   | 53000004 | % |
| 5                                                                                                                                               | 3 | 28    | 29  | 30  | 0  | 0   | W   | YW  | Y   | 0     | 0   | 46.87       | 47.03  | 0.0    | 0.0    | 46.12  | 93.9    | 46.87  | 0.499 | 0.491 | 0.5   | 0.508 | YW-W | 0.491 | 8   | 53000005 | % |
| 0.464                                                                                                                                           |   | 0.108 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-O-0:1:25 |        |        | i=4    | 47.78  | 93.9    | 47.03  | 0.5   | 0.5   | 0.49  | 0.49  | YW-Y | 0.0   | 9   | 53000005 | % |
| 6                                                                                                                                               | 3 | 34    | 35  | 36  | 0  | 0   | W   | LW  | L   | 0     | 0   | 41.95       | 39.22  | 0.0    | 0.0    | 38.44  | 81.18   | 41.95  | 0.516 | 0.473 | 0.483 | 0.526 | LW-W | 0.473 | 10  | 53000006 | % |
| 0.491                                                                                                                                           |   | 0.18  |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-Y-1:25   |        |        | i=5    | 42.73  | 81.18   | 39.22  | 0.48  | 0.52  | 0.51  | 0.47  | LW-L | 0.0   | 11  | 53000006 | % |
| 7                                                                                                                                               | 3 | 40    | 41  | 42  | 0  | 0   | C   | CN  | N   | 0     | 0   | 33.66       | 33.16  | 0.0    | 0.0    | 32.62  | 66.82   | 33.66  | 0.503 | 0.488 | 0.496 | 0.511 | CN-C | 0.488 | 12  | 53000007 | % |
| 0.473                                                                                                                                           |   | 0.128 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-L-1:25   |        |        | i=6    | 34.19  | 66.82   | 33.16  | 0.49  | 0.51  | 0.5   | 0.48  | CN-N | 0.0   | 13  | 53000007 | % |
| 8                                                                                                                                               | 3 | 46    | 47  | 48  | 0  | 0   | V   | VN  | N   | 0     | 0   | 26.76       | 28.24  | 0.0    | 0.0    | 27.34  | 55.01   | 26.76  | 0.486 | 0.497 | 0.513 | 0.502 | VN-V | 0.497 | 14  | 53000008 | % |
| 0.488                                                                                                                                           |   | 0.149 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %C-CN-1:25  |        |        | i=7    | 27.66  | 55.01   | 28.24  | 0.51  | 0.5   | 0.48  | 0.49  | VN-N | 0.0   | 15  | 53000008 | % |
| 9                                                                                                                                               | 3 | 52    | 53  | 54  | 0  | 0   | M   | MN  | N   | 0     | 0   | 41.18       | 38.78  | 0.0    | 0.0    | 42.8   | 79.96   | 41.18  | 0.514 | 0.535 | 0.485 | 0.464 | MN-M | 0.535 | 16  | 53000009 | % |
| 0.497                                                                                                                                           |   | 0.185 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %V-VN-1:25  |        |        | i=8    | 37.16  | 79.96   | 38.78  | 0.48  | 0.46  | 0.51  | 0.53  | MN-N | 0.0   | 17  | 53000009 | % |
| 10                                                                                                                                              | 3 | 58    | 59  | 60  | 0  | 0   | O   | ON  | N   | 0     | 0   | 43.36       | 43.9   | 0.0    | 0.0    | 43.88  | 87.26   | 43.36  | 0.496 | 0.502 | 0.503 | 0.497 | ON-O | 0.502 | 18  | 53000010 | % |
| 0.535                                                                                                                                           |   | 0.119 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %M-MN-1:25  |        |        | i=9    | 43.37  | 87.26   | 43.9   | 0.5   | 0.49  | 0.49  | 0.5   | ON-N | 0.0   | 19  | 53000010 | % |
| 11                                                                                                                                              | 3 | 64    | 65  | 66  | 0  | 0   | Y   | YN  | N   | 0     | 0   | 59.67       | 59.33  | 0.0    | 0.0    | 55.65  | 119.0   | 59.67  | 0.501 | 0.467 | 0.498 | 0.532 | YN-Y | 0.467 | 20  | 53000011 | % |
| 0.502                                                                                                                                           |   | 0.1   |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %O-ON-1:25  |        |        | i=10   | 63.35  | 119.0   | 59.33  | 0.49  | 0.53  | 0.5   | 0.46  | YN-N | 0.0   | 21  | 53000011 | % |
| 12                                                                                                                                              | 3 | 70    | 71  | 72  | 0  | 0   | L   | LN  | N   | 0     | 0   | 40.68       | 40.33  | 0.0    | 0.0    | 34.79  | 81.02   | 40.68  | 0.502 | 0.429 | 0.497 | 0.57  | LN-L | 0.429 | 22  | 53000012 | % |
| 0.467                                                                                                                                           |   | 0.125 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %Y-YN-1:25  |        |        | i=11   | 46.23  | 81.02   | 40.33  | 0.49  | 0.57  | 0.5   | 0.42  | LN-N | 0.0   | 23  | 53000012 | % |
| 13                                                                                                                                              | 3 | 212   | 213 | 214 | 0  | 0   | W   | C   | N   | 0     | 0   | 68.08       | 66.61  | 0.0    | 0.0    | 61.8   | 134.7   | 68.08  | 0.505 | 0.458 | 0.494 | 0.541 | C-W  | 0.458 | 24  | 53000013 | % |
| 0.429                                                                                                                                           |   | 0.117 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %L-LN-1:25  |        |        | i=12   | 72.89  | 134.7   | 66.61  | 0.49  | 0.54  | 0.5   | 0.45  | C-N  | 0.0   | 25  | 53000013 | % |
| 14                                                                                                                                              | 3 | 218   | 219 | 220 | 0  | 0   | W   | V   | N   | 0     | 0   | 91.45       | 54.91  | 0.0    | 0.0    | 105.47 | 146.36  | 91.45  | 0.624 | 0.72  | 0.375 | 0.279 | V-W  | 0.72  | 26  | 53000014 | % |
| 0.458                                                                                                                                           |   | 0.114 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-C-N-1:27 |        |        | i=13   | 40.89  | 146.36  | 54.91  | 0.37  | 0.27  | 0.62  | 0.72  | V-N  | 0.0   | 27  | 53000014 | % |
| 15                                                                                                                                              | 3 | 224   | 225 | 226 | 0  | 0   | W   | M   | N   | 0     | 0   | 91.01       | 80.0   | 0.0    | 0.0    | 73.43  | 171.01  | 91.01  | 0.532 | 0.429 | 0.467 | 0.57  | M-W  | 0.429 | 28  | 53000015 | % |
| 0.72                                                                                                                                            |   | 0.074 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-V-N-1:27 |        |        | i=14   | 97.57  | 171.01  | 80.0   | 0.46  | 0.57  | 0.53  | 0.42  | W-N  | 0.0   | 29  | 53000015 | % |
| 16                                                                                                                                              | 3 | 230   | 231 | 232 | 0  | 0   | W   | O   | N   | 0     | 0   | 93.79       | 87.57  | 0.0    | 0.0    | 91.21  | 181.37  | 93.79  | 0.517 | 0.502 | 0.482 | 0.497 | O-W  | 0.502 | 30  | 53000016 | % |
| 0.429                                                                                                                                           |   | 0.098 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-M-N-1:27 |        |        | i=15   | 90.15  | 181.37  | 87.57  | 0.48  | 0.49  | 0.51  | 0.5   | O-N  | 0.0   | 31  | 53000016 | % |
| 17                                                                                                                                              | 3 | 236   | 237 | 238 | 0  | 0   | W   | Y   | N   | 0     | 0   | 92.68       | 120.78 | 0.0    | 0.0    | 72.83  | 213.46  | 92.68  | 0.434 | 0.341 | 0.565 | 0.658 | Y-W  | 0.341 | 32  | 53000017 | % |
| 0.502                                                                                                                                           |   | 0.118 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-O-N-1:27 |        |        | i=16   | 140.63 | 213.46  | 120.78 | 0.56  | 0.65  | 0.43  | 0.34  | Y-N  | 0.0   | 33  | 53000017 | % |
| 18                                                                                                                                              | 3 | 242   | 243 | 244 | 0  | 0   | W   | L   | N   | 0     | 0   | 81.37       | 81.38  | 0.0    | 0.0    | 82.81  | 162.76  | 81.37  | 0.499 | 0.508 | 0.5   | 0.491 | L-W  | 0.508 | 34  | 53000018 | % |
| 0.341                                                                                                                                           |   | 0.125 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-Y-N-1:27 |        |        | i=17   | 79.94  | 162.76  | 81.38  | 0.5   | 0.49  | 0.49  | 0.5   | L-N  | 0.0   | 35  | 53000018 | % |
| 19                                                                                                                                              | 3 | 248   | 249 | 250 | 0  | 0   | C   | V   | M   | 0     | 0   | 69.57       | 61.48  | 0.0    | 0.0    | 66.29  | 131.05  | 69.57  | 0.53  | 0.505 | 0.469 | 0.494 | V-C  | 0.505 | 36  | 53000019 | % |
| 0.508                                                                                                                                           |   | 0.091 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %W-L-N-1:27 |        |        | i=18   | 64.75  | 131.05  | 61.48  | 0.46  | 0.49  | 0.53  | 0.5   | V-M  | 0.0   | 37  | 53000019 | % |
| 20                                                                                                                                              | 3 | 254   | 255 | 256 | 0  | 0   | M   | O   | Y   | 0     | 0   | 59.39       | 95.27  | 0.0    | 0.0    | 50.95  | 154.67  | 59.39  | 0.384 | 0.329 | 0.615 | 0.67  | O-M  | 0.329 | 38  | 53000020 | % |
| 0.505                                                                                                                                           |   | 0.08  |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %C-V-M-1:27 |        |        | i=19   | 103.72 | 154.67  | 95.27  | 0.61  | 0.67  | 0.38  | 0.32  | O-Y  | 0.0   | 39  | 53000020 | % |
| 21                                                                                                                                              | 3 | 260   | 261 | 262 | 0  | 0   | Y   | L   | C   | 0     | 0   | 89.63       | 88.38  | 0.0    | 0.0    | 104.19 | 178.02  | 89.63  | 0.503 | 0.585 | 0.496 | 0.414 | L-Y  | 0.585 | 40  | 53000021 | % |
| 0.329                                                                                                                                           |   | 0.126 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %M-O-Y-1:27 |        |        | i=20   | 73.82  | 178.02  | 88.38  | 0.49  | 0.41  | 0.5   | 0.58  | L-C  | 0.0   | 41  | 53000021 | % |
| 22                                                                                                                                              | 3 | 266   | 267 | 268 | 0  | 0   | V   | C   | L   | 0     | 0   | 69.72       | 88.24  | 0.0    | 0.0    | 88.0   | 157.97  | 69.72  | 0.441 | 0.557 | 0.558 | 0.442 | C-V  | 0.557 | 42  | 53000022 | % |
| 0.585                                                                                                                                           |   | 0.087 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0   |     | %Y-L-C-1:27 |        |        | i=21   | 69.97  | 157.97  | 88.24  | 0.55  | 0.44  | 0.44  | 0.55  | C-L  | 0.0   | 43  | 53000022 | % |
| 23                                                                                                                                              | 3 | 272   | 273 | 274 | 0  | 0   | L   | Y   | O   | 0     | 0   | 88.73       | 94.92  | 0.0    | 0.0    | 93.98  | 183.65  | 88.73  | 0.483 | 0.511 | 0.516 | 0.488 | Y-L  | 0.511 | 44  | 53000023 | % |
| 0.557                                                                                                                                           |   | 0.137 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0</ |     |             |        |        |        |        |         |        |       |       |       |       |      |       |     |          |   |

TUB material: code=rha4ta

TUB registration: 20140801-XE34/XE34L0NA.TXT /.PS  
application for measurement of display or printer output,

TUB material: code=rha4ta

| N                                                                                                                                               | S | N1    | N2  | N3  | N4 | N5  | NA1 | NA2 | NA3 | NA4 | NA5 | DV*1ab              | DV*2ab | DV*3ab | DV*4ab | DV*vm | S*ab,vm | DV*ab  | DV1ab | DV1vm  | DV2ab | DV2vm | CODE  | VIM   | no. | inr      | % |      |  |       |   |          |    |          |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|-----|-----|----|-----|-----|-----|-----|-----|-----|---------------------|--------|--------|--------|-------|---------|--------|-------|--------|-------|-------|-------|-------|-----|----------|---|------|--|-------|---|----------|----|----------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=98, colour difference pairs MA_LC098=MEL_ADJACENT, xchart=6, xchart3=0, xchart4=3 % |   |       |     |     |    |     |     |     |     |     |     |                     |        |        |        |       |         |        |       |        |       |       |       |       |     |          |   |      |  |       |   |          |    |          |   |
| 1                                                                                                                                               | 3 | 1     | 2   | 3   | 0  | 0   | W   | CW  | C   | 0   | 0   | 35.05               | 31.23  | 0.0    | 0.0    | 33.54 | 66.29   | 35.05  | 0.528 | 0.505  | 0.471 | 0.494 | CW-W  | 0.505 | 0   | 54000001 | % |      |  |       |   |          |    |          |   |
| 0.505                                                                                                                                           |   | 0.108 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-CW-C, S11        |        | i=0    |        | 32.74 |         | 66.29  |       | 31.23  |       | 0.47  |       | 0.52  |     | 0.5      |   | CW-C |  | 0.0   | 1 | 54000001 | %  |          |   |
| 2                                                                                                                                               | 3 | 7     | 8   | 9   | 0  | 0   | W   | VW  | V   | 0   | 0   | 43.88               | 37.0   | 0.0    | 0.0    | 42.62 | 80.88   | 43.88  | 0.542 | 0.527  | 0.457 | 0.473 | VW-W  | 0.527 | 2   | 54000002 | % |      |  |       |   |          |    |          |   |
| 0.527                                                                                                                                           |   | 0.124 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-VW-V, S12        |        | i=1    |        | 38.25 |         | 80.88  |       | 37.0   |       | 0.45  |       | 0.47  |     | 0.54     |   | VW-V |  | 0.0   | 3 | 54000002 | %  |          |   |
| 3                                                                                                                                               | 3 | 13    | 14  | 15  | 0  | 0   | W   | MW  | M   | 0   | 0   | 42.49               | 37.8   | 0.0    | 0.0    | 40.79 | 80.3    | 42.49  | 0.529 | 0.508  | 0.47  | 0.491 | MW-W  | 0.508 | 4   | 54000003 | % |      |  |       |   |          |    |          |   |
| 0.508                                                                                                                                           |   | 0.135 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-MW-M, S13        |        | i=2    |        | 39.5  |         | 80.3   |       | 37.8   |       | 0.47  |       | 0.49  |     | 0.52     |   | 0.5  |  | MW-M  |   | 0.0      | 5  | 54000003 | % |
| 4                                                                                                                                               | 3 | 19    | 20  | 21  | 0  | 0   | W   | OW  | O   | 0   | 0   | 41.97               | 40.71  | 0.0    | 0.0    | 38.45 | 82.68   | 41.97  | 0.507 | 0.465  | 0.492 | 0.534 | OW-W  | 0.465 | 6   | 54000004 | % |      |  |       |   |          |    |          |   |
| 0.465                                                                                                                                           |   | 0.098 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-OW-O, S14        |        | i=3    |        | 44.23 |         | 82.68  |       | 40.71  |       | 0.49  |       | 0.53  |     | 0.5      |   | 0.46 |  | OW-O  |   | 0.0      | 7  | 54000004 | % |
| 5                                                                                                                                               | 3 | 25    | 26  | 27  | 0  | 0   | W   | YW  | Y   | 0   | 0   | 42.3                | 37.38  | 0.0    | 0.0    | 45.02 | 79.69   | 42.3   | 0.53  | 0.565  | 0.469 | 0.435 | YW-W  | 0.565 | 8   | 54000005 | % |      |  |       |   |          |    |          |   |
| 0.565                                                                                                                                           |   | 0.16  |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-YW-Y, S15        |        | i=4    |        | 34.66 |         | 79.69  |       | 37.38  |       | 0.46  |       | 0.43  |     | 0.53     |   | 0.56 |  | YW-Y  |   | 0.0      | 9  | 54000005 | % |
| 6                                                                                                                                               | 3 | 31    | 32  | 33  | 0  | 0   | W   | LW  | L   | 0   | 0   | 36.01               | 32.77  | 0.0    | 0.0    | 35.22 | 68.79   | 36.01  | 0.523 | 0.512  | 0.476 | 0.487 | LW-W  | 0.512 | 10  | 54000006 | % |      |  |       |   |          |    |          |   |
| 0.512                                                                                                                                           |   | 0.099 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-LW-L, S16        |        | i=5    |        | 33.57 |         | 68.79  |       | 32.77  |       | 0.47  |       | 0.48  |     | 0.52     |   | 0.51 |  | LW-L  |   | 0.0      | 11 | 54000006 | % |
| 7                                                                                                                                               | 3 | 37    | 38  | 39  | 0  | 0   | C   | CN  | N   | 0   | 0   | 41.1                | 36.87  | 0.0    | 0.0    | 34.15 | 77.97   | 41.1   | 0.527 | 0.438  | 0.472 | 0.562 | CN-C  | 0.438 | 12  | 54000007 | % |      |  |       |   |          |    |          |   |
| 0.438                                                                                                                                           |   | 0.12  |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %5.62 %C-CN-N, -S21 |        | i=6    |        | 43.82 |         | 77.97  |       | 36.87  |       | 0.47  |       | 0.56  |     | 0.52     |   | 0.43 |  | CN-N  |   | 0.0      | 13 | 54000007 | % |
| 8                                                                                                                                               | 3 | 43    | 44  | 45  | 0  | 0   | V   | VN  | N   | 0   | 0   | 23.3                | 22.22  | 0.0    | 0.0    | 22.08 | 45.53   | 23.3   | 0.511 | 0.484  | 0.488 | 0.515 | VN-V  | 0.484 | 14  | 54000008 | % |      |  |       |   |          |    |          |   |
| 0.484                                                                                                                                           |   | 0.162 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %5.15 %V-VN-N, -S22 |        | i=7    |        | 23.44 |         | 45.53  |       | 22.22  |       | 0.48  |       | 0.51  |     | 0.51     |   | 0.48 |  | VN-N  |   | 0.0      | 15 | 54000008 | % |
| 9                                                                                                                                               | 3 | 49    | 50  | 51  | 0  | 0   | M   | MN  | N   | 0   | 0   | 37.2                | 33.14  | 0.0    | 0.0    | 34.26 | 70.35   | 37.2   | 0.528 | 0.487  | 0.471 | 0.513 | MN-M  | 0.487 | 16  | 54000009 | % |      |  |       |   |          |    |          |   |
| 0.487                                                                                                                                           |   | 0.113 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %5.13 %M-MN-N, -S23 |        | i=8    |        | 36.09 |         | 70.35  |       | 33.14  |       | 0.47  |       | 0.51  |     | 0.52     |   | 0.48 |  | MN-N  |   | 0.0      | 17 | 54000009 | % |
| 10                                                                                                                                              | 3 | 55    | 56  | 57  | 0  | 0   | O   | ON  | N   | 0   | 0   | 41.1                | 36.87  | 0.0    | 0.0    | 37.43 | 77.97   | 41.1   | 0.527 | 0.48   | 0.472 | 0.52  | ON-O  | 0.48  | 18  | 54000010 | % |      |  |       |   |          |    |          |   |
| 0.48                                                                                                                                            |   | 0.122 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %5.20 %O-ON-N, -S24 |        | i=9    |        | 40.54 |         | 77.97  |       | 36.87  |       | 0.47  |       | 0.52  |     | 0.52     |   | 0.48 |  | ON-N  |   | 0.0      | 19 | 54000010 | % |
| 11                                                                                                                                              | 3 | 61    | 62  | 63  | 0  | 0   | Y   | YN  | N   | 0   | 0   | 55.54               | 50.48  | 0.0    | 0.0    | 49.51 | 106.03  | 55.54  | 0.523 | 0.467  | 0.476 | 0.533 | YN-Y  | 0.467 | 20  | 54000011 | % |      |  |       |   |          |    |          |   |
| 0.467                                                                                                                                           |   | 0.12  |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %5.33 %Y-YN-N, -S25 |        | i=10   |        | 56.51 |         | 106.03 |       | 50.48  |       | 0.47  |       | 0.53  |     | 0.52     |   | 0.46 |  | YN-N  |   | 0.0      | 21 | 54000011 | % |
| 12                                                                                                                                              | 3 | 67    | 68  | 69  | 0  | 0   | L   | LN  | N   | 0   | 0   | 34.04               | 31.71  | 0.0    | 0.0    | 32.08 | 65.75   | 34.04  | 0.517 | 0.488  | 0.482 | 0.511 | LN-L  | 0.488 | 22  | 54000012 | % |      |  |       |   |          |    |          |   |
| 0.488                                                                                                                                           |   | 0.127 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %5.12 %L-LN-N, -S26 |        | i=11   |        | 33.66 |         | 65.75  |       | 31.71  |       | 0.48  |       | 0.51  |     | 0.51     |   | 0.48 |  | LN-N  |   | 0.0      | 23 | 54000012 | % |
| 13                                                                                                                                              | 3 | 209   | 210 | 211 | 0  | 0   | W   | C   | N   | 0   | 0   | 65.69               | 64.55  | 0.0    | 0.0    | 58.48 | 130.24  | 65.69  | 0.504 | 0.448  | 0.495 | 0.551 | C-W   | 0.448 | 24  | 54000013 | % |      |  |       |   |          |    |          |   |
| 0.448                                                                                                                                           |   | 0.123 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %5.51 %W-C-N, -S31  |        | i=12   |        | 71.76 |         | 130.24 |       | 64.55  |       | 0.49  |       | 0.55  |     | 0.5      |   | 0.44 |  | C-N   |   | 0.0      | 25 | 54000013 | % |
| 14                                                                                                                                              | 3 | 215   | 216 | 217 | 0  | 0   | W   | V   | N   | 0   | 0   | 80.96               | 44.71  | 0.0    | 0.0    | 74.27 | 125.67  | 80.96  | 0.644 | 0.591  | 0.355 | 0.408 | V-W   | 0.591 | 26  | 54000014 | % |      |  |       |   |          |    |          |   |
| 0.591                                                                                                                                           |   | 0.124 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %4.09 %W-V-N, -S32  |        | i=13   |        | 51.4  |         | 125.67 |       | 44.71  |       | 0.35  |       | 0.4   |     | 0.64     |   | 0.59 |  | V-N   |   | 0.0      | 27 | 54000014 | % |
| 15                                                                                                                                              | 3 | 221   | 222 | 223 | 0  | 0   | W   | M   | N   | 0   | 0   | 80.2                | 69.5   | 0.0    | 0.0    | 64.82 | 149.71  | 80.2   | 0.535 | 0.433  | 0.464 | 0.567 | M-W   | 0.433 | 28  | 54000015 | % |      |  |       |   |          |    |          |   |
| 0.433                                                                                                                                           |   | 0.125 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %5.67 %W-M-N, -S33  |        | i=14   |        | 84.88 |         | 149.71 |       | 69.5   |       | 0.46  |       | 0.56  |     | 0.53     |   | 0.43 |  | W-N   |   | 0.0      | 29 | 54000015 | % |
| 16                                                                                                                                              | 3 | 227   | 228 | 229 | 0  | 0   | W   | O   | N   | 0   | 0   | 82.12               | 77.18  | 0.0    | 0.0    | 75.67 | 159.3   | 82.12  | 0.515 | 0.475  | 0.484 | 0.525 | O-W   | 0.475 | 30  | 54000016 | % |      |  |       |   |          |    |          |   |
| 0.475                                                                                                                                           |   | 0.124 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %5.25 %W-O-N, -S34  |        | i=15   |        | 83.63 |         | 159.3  |       | 77.18  |       | 0.48  |       | 0.52  |     | 0.51     |   | 0.47 |  | O-N   |   | 0.0      | 31 | 54000016 | % |
| 17                                                                                                                                              | 3 | 233   | 234 | 235 | 0  | 0   | W   | Y   | N   | 0   | 0   | 79.09               | 107.01 | 0.0    | 0.0    | 68.3  | 186.1   | 79.09  | 0.424 | 0.367  | 0.575 | 0.633 | Y-W   | 0.367 | 32  | 54000017 | % |      |  |       |   |          |    |          |   |
| 0.367                                                                                                                                           |   | 0.111 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %6.33 %W-Y-N, -S35  |        | i=16   |        | 117.8 |         | 186.1  |       | 107.01 |       | 0.57  |       | 0.63  |     | 0.42     |   | 0.36 |  | Y-N   |   | 0.0      | 33 | 54000017 | % |
| 18                                                                                                                                              | 3 | 239   | 240 | 241 | 0  | 0   | W   | L   | N   | 0   | 0   | 67.72               | 67.61  | 0.0    | 0.0    | 59.82 | 135.34  | 67.72  | 0.5   | 0.442  | 0.499 | 0.557 | L-W   | 0.442 | 34  | 54000018 | % |      |  |       |   |          |    |          |   |
| 0.442                                                                                                                                           |   | 0.115 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %5.58 %W-L-N, -S36  |        | i=17   |        | 75.51 |         | 135.34 |       | 67.61  |       | 0.49  |       | 0.55  |     | 0.5      |   | 0.44 |  | L-N   |   | 0.0      | 35 | 54000018 | % |
| 19                                                                                                                                              | 3 | 245   | 246 | 247 | 0  | 0   | C   | V   | M   | 0   | 0   | 64.75               | 58.35  | 0.0    | 0.0    | 62.78 | 123.11  | 64.75  | 0.526 | 0.51   | 0.473 | 0.49  | V-C   | 0.51  | 36  | 54000019 | % |      |  |       |   |          |    |          |   |
| 0.51                                                                                                                                            |   | 0.123 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %4.90 %C-V-M, -S41  |        | i=18   |        | 60.32 |         | 123.11 |       | 58.35  |       | 0.47  |       | 0.49  |     | 0.52     |   | 0.51 |  | V-M   |   | 0.0      | 37 | 54000019 | % |
| 20                                                                                                                                              | 3 | 251   | 252 | 253 | 0  | 0   | M   | O   | Y   | 0   | 0   | 82.18               | 52.39  | 0.0    | 0.0    | 46.15 | 134.57  | 82.18  | 0.61  | 0.343  | 0.389 | 0.656 | O-M   | 0.343 | 38  | 54000020 | % |      |  |       |   |          |    |          |   |
| 0.343                                                                                                                                           |   | 0.101 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %6.57 %M-O-Y, -S42  |        | i=19   |        | 88.41 |         | 134.57 |       | 52.39  |       | 0.38  |       | 0.65  |     | 0.61     |   | 0.34 |  | O-Y   |   | 0.0      | 39 | 54000020 | % |
| 21                                                                                                                                              | 3 | 257   | 258 | 259 | 0  | 0   | Y   | L   | C   | 0   | 0   | 80.01               | 73.05  | 0.0    | 0.0    | 77.75 | 153.06  | 80.01  | 0.522 | 0.508  | 0.477 | 0.491 | L-Y   | 0.508 | 40  | 54000021 | % |      |  |       |   |          |    |          |   |
| 0.508                                                                                                                                           |   | 0.086 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %Y-L-C, S43         |        | i=20   |        | 75.3  |         | 153.06 |       | 73.05  |       | 0.47  |       | 0.49  |     | 0.52     |   | 0.5  |  | L-C   |   | 0.0      | 41 | 54000021 | % |
| 22                                                                                                                                              | 3 | 263   | 264 | 265 | 0  | 0   | V   | C   | L   | 0   | 0   | 65.43               | 73.89  | 0.0    | 0.0    | 74.54 | 139.33  | 65.43  | 0.469 | 0.535  | 0.53  | 0.464 | C-V   | 0.535 | 42  | 54000022 | % |      |  |       |   |          |    |          |   |
| 0.535                                                                                                                                           |   | 0.103 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %V-C-L, S44         |        | i=21   |        | 64.78 |         | 139.33 |       | 73.89  |       | 0.53  |       | 0.46  |     | 0.53     |   | 0.46 |  | C-L   |   | 0.0      | 43 | 54000022 | % |
| 23                                                                                                                                              | 3 | 269   | 270 | 271 | 0  | 0   | L   | Y   | O   | 0   | 0   | 79.3                | 81.84  | 0.0    | 0.0    | 84.76 | 161.15  | 79.3   | 0.492 | 0.526  | 0.507 | 0.473 | Y-L   | 0.526 | 44  | 54000023 | % |      |  |       |   |          |    |          |   |
| 0.526                                                                                                                                           |   | 0.081 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %L-Y-O, S45         |        | i=22   |        | 76.38 |         | 161.15 |       | 81.84  |       | 0.5   |       | 0.47  |     | 0.49     |   | 0.52 |  | Y-O   |   | 0.0      | 45 | 54000023 | % |
| 24                                                                                                                                              | 3 | 275   | 276 | 277 | 0  | 0   | O   | M   | V   | 0   | 0   | 51.75               | 58.41  | 0.0    | 0.0    | 61.58 | 110.17  | 51.75  | 0.469 | 0.559  | 0.53  | 0.441 | M-O   | 0.559 | 46  | 54000024 | % |      |  |       |   |          |    |          |   |
| 0.559                                                                                                                                           |   | 0.145 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %4.41 %O-M-V, -S46  |        | i=23   |        | 48.58 |         | 110.17 |       | 58.41  |       | 0.53  |       | 0.44  |     | 0.46     |   | 0.55 |  | M-V   |   | 0.0      | 47 | 54000024 | % |
| 25                                                                                                                                              | 4 | 89    | 90  | 91  | 0  | 0   | W   | Wc  | CW  | 0   | 0   | 6.56                | 0.0    | 0.0    | 0.0    | 17.36 | 34.86   | 17.47  | 0.501 | 0.498  | 0.498 | 0.501 | W-Wc  | 0.498 | 48  | 54000025 | % |      |  |       |   |          |    |          |   |
| 0.498                                                                                                                                           |   | 0.1   |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-WC-CW, S51       |        | i=24   |        | 17.5  |         | 34.86  |       | 17.39  |       | 0.49  |       | 0.5   |     | 0.49     |   | 0.49 |  | WC-CW |   | 0.0      | 49 | 54000025 | % |
| 26                                                                                                                                              | 4 | 99    | 100 | 101 | 0  | 0   | W   | Wv  | CW  | 0   | 0   | 7.23                | 0.0    | 0.0    | 0.0    | 20.98 | 43.44   | 21.74  | 0.5   | 0.483  | 0.499 | 0.516 | CW-Cw | 0.483 | 50  | 54000026 | % |      |  |       |   |          |    |          |   |
| 0.483                                                                                                                                           |   | 0.112 |     | 0.0 |    | 0.0 |     | 0.0 |     | 0.0 |     | %W-Wv-VW, S52       |        | i=25   |        | 22.46 |         | 43.44  |       | 21.7   |       | 0.49  |       | 0.51  |     | 0.5      |   | 0.48 |  | Cw-C  |   | 0.0      | 51 | 54000026 | % |

see similar files: <http://130.149.60.45/~farbmetrik/XE34/XE34L0NA.TXT>  
technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

| N                                                                                                                                               | S | N1    | N2  | N3  | N4 | N5  | NA1 | NA2 | NA3 | NA4 | NA5 | DV*1ab               | DV*2ab | DV*3ab | DV*4ab | DV*vm | S*ab,vm | DV*ab | DV1ab | DV1vm | DV2ab | DV2vm | CODE  | VIM   | no. | inr      | % |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---|-------|-----|-----|----|-----|-----|-----|-----|-----|-----|----------------------|--------|--------|--------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-----|----------|---|
| %1000*(CIEXYZ & DV) for all colours (a) of experiment, iimp=98, colour difference pairs MA_LC098=MEL_ADJACENT, xchart=7, xchart3=0, xchart4=3 % |   |       |     |     |    |     |     |     |     |     |     |                      |        |        |        |       |         |       |       |       |       |       |       |       |     |          |   |
| 27                                                                                                                                              | 4 | 109   | 110 | 111 | 0  | 0   | W   | Wm  | CW  | 0   | 0   | 7.54                 | 0.0    | 0.0    | 0.0    | 21.3  | 42.1    | 20.66 | 0.49  | 0.505 | 0.509 | 0.494 | W-Wv  | 0.505 | 52  | 54000027 | % |
| 0.505                                                                                                                                           |   | 0.103 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %W-Wm-MW, S53        |        |        | i=26   | 20.8  | 42.1    | 21.44 | 0.5   | 0.49  | 0.49  | 0.5   | Wv-VW | 0.0   | 53  | 54000027 | % |
| 28                                                                                                                                              | 4 | 119   | 120 | 121 | 0  | 0   | W   | Wo  | CW  | 0   | 0   | 6.9                  | 0.0    | 0.0    | 0.0    | 23.31 | 44.41   | 22.46 | 0.505 | 0.525 | 0.494 | 0.474 | VW-Vw | 0.525 | 54  | 54000028 | % |
| 0.525                                                                                                                                           |   | 0.103 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %W-Wo-OW, S54        |        |        | i=27   | 21.09 | 44.41   | 21.94 | 0.49  | 0.47  | 0.5   | 0.52  | Vw-V  | 0.0   | 55  | 54000028 | % |
| 29                                                                                                                                              | 4 | 129   | 130 | 131 | 0  | 0   | W   | Wy  | CW  | 0   | 0   | 4.43                 | 0.0    | 0.0    | 0.0    | 21.45 | 43.86   | 20.78 | 0.473 | 0.489 | 0.526 | 0.511 | W-Wm  | 0.489 | 56  | 54000029 | % |
| 0.489                                                                                                                                           |   | 0.116 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %W-Wy-YW, S55        |        |        | i=28   | 22.41 | 43.86   | 23.07 | 0.52  | 0.51  | 0.47  | 0.48  | Wm-MW | 0.0   | 57  | 54000029 | % |
| 30                                                                                                                                              | 4 | 139   | 140 | 141 | 0  | 0   | W   | Wl  | CW  | 0   | 0   | 6.33                 | 0.0    | 0.0    | 0.0    | 18.2  | 37.29   | 18.36 | 0.492 | 0.488 | 0.507 | 0.511 | MW-Mw | 0.488 | 58  | 54000030 | % |
| 0.488                                                                                                                                           |   | 0.112 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %W-Wl-LW, S56        |        |        | i=29   | 19.09 | 37.29   | 18.93 | 0.5   | 0.51  | 0.49  | 0.48  | Mw-M  | 0.0   | 59  | 54000030 | % |
| 31                                                                                                                                              | 4 | 91    | 92  | 93  | 0  | 0   | CW  | Cw  | C   | 0   | 0   | 6.54                 | 0.0    | 0.0    | 0.0    | 19.72 | 34.3    | 16.28 | 0.474 | 0.575 | 0.525 | 0.425 | W-Wo  | 0.575 | 60  | 54000031 | % |
| 0.575                                                                                                                                           |   | 0.076 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %4.25 %CW-Cw-C, -S61 |        |        | i=30   | 14.58 | 34.3    | 18.02 | 0.52  | 0.42  | 0.47  | 0.57  | Wo-OW | 0.0   | 61  | 54000031 | % |
| 32                                                                                                                                              | 4 | 101   | 102 | 103 | 0  | 0   | VW  | Vw  | V   | 0   | 0   | 9.86                 | 0.0    | 0.0    | 0.0    | 17.28 | 37.09   | 18.9  | 0.509 | 0.466 | 0.49  | 0.534 | OW-Ow | 0.466 | 62  | 54000032 | % |
| 0.466                                                                                                                                           |   | 0.159 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %5.34 %VW-Vw-V, -S62 |        |        | i=31   | 19.81 | 37.09   | 18.19 | 0.49  | 0.53  | 0.5   | 0.46  | Ow-O  | 0.0   | 63  | 54000032 | % |
| 33                                                                                                                                              | 4 | 111   | 112 | 113 | 0  | 0   | MW  | Mw  | M   | 0   | 0   | 7.92                 | 0.0    | 0.0    | 0.0    | 22.01 | 38.34   | 19.18 | 0.5   | 0.574 | 0.499 | 0.426 | W-Wy  | 0.574 | 64  | 54000033 | % |
| 0.574                                                                                                                                           |   | 0.068 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %4.26 %MW-Mw-M, -S63 |        |        | i=32   | 16.33 | 38.34   | 19.16 | 0.49  | 0.42  | 0.5   | 0.57  | Wy-YW | 0.0   | 65  | 54000033 | % |
| 34                                                                                                                                              | 4 | 121   | 122 | 123 | 0  | 0   | OW  | Ow  | O   | 0   | 0   | 8.95                 | 0.0    | 0.0    | 0.0    | 22.31 | 39.22   | 21.25 | 0.541 | 0.569 | 0.458 | 0.431 | YW-Yw | 0.569 | 66  | 54000034 | % |
| 0.569                                                                                                                                           |   | 0.086 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %4.31 %OW-Ow-O, -S64 |        |        | i=33   | 16.9  | 39.22   | 17.96 | 0.45  | 0.43  | 0.54  | 0.56  | Yw-Y  | 0.0   | 67  | 54000034 | % |
| 35                                                                                                                                              | 4 | 131   | 132 | 133 | 0  | 0   | YW  | Yw  | Y   | 0   | 0   | 3.02                 | 0.0    | 0.0    | 0.0    | 20.07 | 39.59   | 23.38 | 0.59  | 0.507 | 0.409 | 0.492 | W-Wl  | 0.507 | 68  | 54000035 | % |
| 0.507                                                                                                                                           |   | 0.083 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %4.93 %YW-Yw-Y, -S65 |        |        | i=34   | 19.51 | 39.59   | 16.2  | 0.4   | 0.49  | 0.59  | 0.5   | Wl-LW | 0.0   | 69  | 54000035 | % |
| 36                                                                                                                                              | 4 | 141   | 142 | 143 | 0  | 0   | LW  | Lw  | L   | 0   | 0   | 6.98                 | 0.0    | 0.0    | 0.0    | 17.22 | 32.08   | 16.12 | 0.502 | 0.537 | 0.497 | 0.463 | LW-Lw | 0.537 | 70  | 54000036 | % |
| 0.537                                                                                                                                           |   | 0.11  | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %4.63 %LW-Lw-L, -S66 |        |        | i=35   | 14.85 | 32.08   | 15.95 | 0.49  | 0.46  | 0.5   | 0.53  | Lw-L  | 0.0   | 71  | 54000036 | % |
| 37                                                                                                                                              | 4 | 149   | 150 | 151 | 0  | 0   | C   | Cn  | CN  | 0   | 0   | 6.41                 | 0.0    | 0.0    | 0.0    | 14.0  | 32.04   | 16.24 | 0.506 | 0.437 | 0.493 | 0.562 | C-Cn  | 0.437 | 72  | 54000037 | % |
| 0.437                                                                                                                                           |   | 0.079 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %5.63 %C-Cn-CN, -S71 |        |        | i=36   | 18.04 | 32.04   | 15.79 | 0.49  | 0.56  | 0.5   | 0.43  | Cn-CN | 0.0   | 73  | 54000037 | % |
| 38                                                                                                                                              | 4 | 159   | 160 | 161 | 0  | 0   | V   | Vn  | VN  | 0   | 0   | 2.6                  | 0.0    | 0.0    | 0.0    | 9.18  | 22.46   | 10.71 | 0.477 | 0.409 | 0.522 | 0.59  | CN-Nc | 0.409 | 74  | 54000038 | % |
| 0.409                                                                                                                                           |   | 0.088 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %5.91 %V-Vn-VN, -S72 |        |        | i=37   | 13.27 | 22.46   | 11.74 | 0.52  | 0.59  | 0.47  | 0.4   | Nc-N  | 0.0   | 75  | 54000038 | % |
| 39                                                                                                                                              | 4 | 169   | 170 | 171 | 0  | 0   | M   | Mn  | MN  | 0   | 0   | 6.63                 | 0.0    | 0.0    | 0.0    | 15.93 | 37.32   | 18.95 | 0.507 | 0.427 | 0.492 | 0.572 | V-Vn  | 0.427 | 76  | 54000039 | % |
| 0.427                                                                                                                                           |   | 0.082 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %5.73 %M-Mn-MN, -S73 |        |        | i=38   | 21.38 | 37.32   | 18.36 | 0.49  | 0.57  | 0.5   | 0.42  | Vn-VN | 0.0   | 77  | 54000039 | % |
| 40                                                                                                                                              | 4 | 179   | 180 | 181 | 0  | 0   | O   | On  | ON  | 0   | 0   | 7.46                 | 0.0    | 0.0    | 0.0    | 17.74 | 41.18   | 22.05 | 0.535 | 0.431 | 0.464 | 0.569 | VN-Nv | 0.431 | 78  | 54000040 | % |
| 0.431                                                                                                                                           |   | 0.088 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %5.69 %O-On-ON, -S74 |        |        | i=39   | 23.43 | 41.18   | 19.12 | 0.46  | 0.56  | 0.53  | 0.43  | Nv-N  | 0.0   | 79  | 54000040 | % |
| 41                                                                                                                                              | 4 | 189   | 190 | 191 | 0  | 0   | Y   | Yn  | YN  | 0   | 0   | 7.3                  | 0.0    | 0.0    | 0.0    | 31.22 | 58.91   | 29.4  | 0.499 | 0.53  | 0.5   | 0.469 | M-Mn  | 0.53  | 80  | 54000041 | % |
| 0.53                                                                                                                                            |   | 0.134 | 0.0 |     |    | 0.0 |     | 0.0 | 0.0 |     |     | %4.70 %Y-Yn-YN, -S75 |        |        | i=40   | 27.68 | 58.91   | 29.5  | 0.5   | 0.46  | 0.49  | 0.53  | Mn-MN | 0.0   | 81  | 54000041 | % |