

# Colour stimuli of just noticeable colour thresholds, *see Richter (1985)*

| Colour series number | Colour stimuli colour values |        |        | Colour stimuli differences at threshold |                   |            |                   |            | notes |
|----------------------|------------------------------|--------|--------|-----------------------------------------|-------------------|------------|-------------------|------------|-------|
|                      | Y                            | x      | y      | -WN<br>$\Delta Y$                       | -RG<br>$\Delta x$ | $\Delta y$ | -BY<br>$\Delta x$ | $\Delta y$ |       |
| WPN_01               | 197.5                        | 0.3987 | 0.4175 | 1.16                                    | -0.0012           | 0.001      | -0.0017           | -0.0015    | P40   |
| WPN_02               | 74.3                         | 0.3919 | 0.414  | 0.41                                    | -0.0013           | 0.0011     | -0.0016           | -0.0013    |       |
| WPN_03               | 34.4                         | 0.3926 | 0.414  | 0.18                                    | -0.0013           | 0.0012     | -0.0018           | -0.0016    |       |
| WPN_04               | 17.7                         | 0.3973 | 0.4153 | 0.1                                     | -0.0017           | 0.0013     | -0.0021           | -0.0018    |       |
| WPN_05               | 9.1                          | 0.4052 | 0.4185 | 0.08                                    | -0.0018           | 0.0016     | -0.0029           | -0.0025    |       |
| WPN_06               | 4.6                          | 0.4158 | 0.4226 | 0.05                                    | -0.0024           | 0.0021     | -0.0043           | -0.0036    |       |
| WPN_07               | 3.1                          | 0.3861 | 0.4114 | 0.05                                    | -0.0027           | 0.0023     | -0.0039           | -0.0034    |       |
| WPN_08               | 1.2                          | 0.3831 | 0.409  | 0.03                                    | -0.0047           | 0.0038     | -0.0063           | -0.0054    |       |
| WPN_09               | 0.6                          | 0.3859 | 0.4107 | 0.02                                    | -0.0075           | 0.006      | -0.0103           | -0.0089    |       |
| WPN_10               | 0.3                          | 0.3907 | 0.4143 | 0.02                                    | -0.0136           | 0.0109     | -0.0162           | -0.014     |       |
| WPN_11               | 0.1                          | 0.4019 | 0.4167 | 0.02                                    | -0.0203           | 0.0164     | -0.0265           | -0.0226    |       |
| TDM_01               | 15.0                         | 0.1204 | 0.396  | 0.07                                    | -0.0061           | 0.003      | -0.0012           | -0.0023    | D65   |
| TDM_02               | 15.7                         | 0.2425 | 0.3728 | 0.07                                    | -0.0037           | 0.0021     | -0.0013           | -0.0016    |       |
| TDM_03               | 16.5                         | 0.3211 | 0.3578 | 0.07                                    | -0.0018           | 0.0011     | -0.0016           | -0.0013    |       |
| TDM_04               | 17.0                         | 0.4596 | 0.239  | 0.08                                    | -0.0022           | 0.0011     | -0.0023           | -0.001     |       |
| TDM_05               | 17.2                         | 0.4848 | 0.2122 | 0.09                                    | -0.0021           | 0.001      | -0.0027           | -0.001     |       |
| BDY_01               | 17.3                         | 0.2498 | 0.2915 | 0.07                                    | -0.0019           | 0.0008     | -0.0011           | -0.001     | D65   |
| BDY_02               | 17.2                         | 0.2878 | 0.3258 | 0.06                                    | -0.0017           | 0.0009     | -0.0013           | -0.0012    |       |
| BDY_03               | 16.4                         | 0.3231 | 0.3594 | 0.06                                    | -0.0016           | 0.001      | -0.0015           | -0.0013    |       |
| BDY_04               | 17.7                         | 0.4336 | 0.4527 | 0.06                                    | -0.002            | 0.002      | -0.0027           | -0.0024    |       |
| BDY_05               | 18.4                         | 0.4838 | 0.4965 | 0.06                                    | -0.0021           | 0.0026     | -0.0038           | -0.0033    |       |