

# Farbreize für gerade unterscheidbare Farb-Schwellen ( $p=50\%$ ) in WN-Richtung

| Nummer<br>Farb-<br>Serie  | CIELAB-Differenzen<br>Helligkeit, Buntheit, $\Sigma$ |              |              |                   | LABJND-Differenzen<br>Helligkeit, Buntheit, $\Sigma$ |              |              |                   | Farb-Differenzen<br>andere Formeln |             |             | Bemerkungen<br>Experiment<br>_WN-Serie               |
|---------------------------|------------------------------------------------------|--------------|--------------|-------------------|------------------------------------------------------|--------------|--------------|-------------------|------------------------------------|-------------|-------------|------------------------------------------------------|
|                           | $\Delta L^*$                                         | $\Delta a^*$ | $\Delta b^*$ | $\Delta E^*_{ab}$ | $\Delta L^*$                                         | $\Delta a^*$ | $\Delta b^*$ | $\Delta E^*_{85}$ | CMC                                | C94         | C00         |                                                      |
| 0 WPN                     | 0.29                                                 | 0.0          | 0.0          | 0.29              | 1.54                                                 | 0.0          | 0.0          | 1.54              | 0.14                               | 0.29        | 0.13        | graues Umfeld<br>Daten Nr. 03<br>mit weissem<br>Rand |
| 1 WPN                     | 0.19                                                 | 0.0          | 0.0          | 0.19              | 1.37                                                 | 0.0          | 0.0          | 1.37              | 0.1                                | 0.19        | 0.12        |                                                      |
| 2 WPN                     | 0.14                                                 | 0.0          | 0.0          | 0.14              | 1.24                                                 | 0.0          | 0.0          | 1.24              | 0.09                               | 0.14        | 0.11        |                                                      |
| 3 WPN                     | 0.12                                                 | 0.0          | 0.0          | 0.12              | 1.23                                                 | 0.0          | 0.0          | 1.23              | 0.09                               | 0.12        | 0.12        |                                                      |
| 4 WPN                     | 0.15                                                 | -0.01        | -0.01        | 0.15              | 1.7                                                  | -0.05        | -0.03        | 1.7               | 0.14                               | 0.15        | 0.12        |                                                      |
| 5 WPN                     | 0.15                                                 | -0.02        | -0.03        | 0.15              | 1.73                                                 | -0.07        | -0.08        | 1.73              | 0.19                               | 0.15        | 0.11        |                                                      |
| 6 WPN                     | 0.19                                                 | 0.0          | 0.02         | 0.19              | 2.11                                                 | 0.0          | 0.07         | 2.12              | 0.28                               | 0.19        | 0.13        | graues Umfeld<br>Daten Nr. 09<br>mit weissem<br>Rand |
| 7 GDR                     | 0.09                                                 | 0.46         | 0.03         | 0.47              | 0.67                                                 | 0.24         | 0.14         | 0.73              | 0.16                               | 0.13        | 0.13        |                                                      |
| 8 GDR                     | 0.09                                                 | 0.11         | 0.01         | 0.14              | 0.64                                                 | 0.14         | 0.04         | 0.66              | 0.09                               | 0.1         | 0.1         |                                                      |
| 9 GDR                     | 0.08                                                 | 0.0          | 0.0          | 0.08              | 0.61                                                 | 0.0          | 0.0          | 0.61              | 0.07                               | 0.08        | 0.08        |                                                      |
| 10 GDR                    | 0.1                                                  | -0.17        | 0.04         | 0.2               | 0.69                                                 | -0.31        | 0.18         | 0.78              | 0.09                               | 0.1         | 0.1         |                                                      |
| 11 GDR                    | 0.11                                                 | -0.25        | 0.06         | 0.28              | 0.77                                                 | -0.4         | 0.27         | 0.91              | 0.11                               | 0.12        | 0.12        | graues Umfeld<br>Daten Nr. 14<br>mit weissem<br>Rand |
| 12 BDY                    | 0.08                                                 | 0.0          | 0.03         | 0.09              | 0.59                                                 | 0.0          | 0.18         | 0.62              | 0.07                               | 0.08        | 0.08        |                                                      |
| 13 BDY                    | 0.07                                                 | 0.0          | 0.01         | 0.07              | 0.51                                                 | 0.0          | 0.08         | 0.51              | 0.06                               | 0.07        | 0.07        |                                                      |
| 14 BDY                    | 0.07                                                 | 0.0          | 0.0          | 0.07              | 0.54                                                 | 0.0          | 0.0          | 0.54              | 0.06                               | 0.07        | 0.07        |                                                      |
| 15 BDY                    | 0.07                                                 | -0.01        | -0.17        | 0.19              | 0.5                                                  | -0.03        | -0.17        | 0.53              | 0.09                               | 0.09        | 0.09        |                                                      |
| 16 BDY                    | 0.07                                                 | -0.01        | -0.8         | 0.8               | 0.48                                                 | -0.02        | -0.19        | 0.52              | 0.27                               | 0.2         | 0.2         |                                                      |
| <b>Mittel</b>             |                                                      |              |              | <b>0.21</b>       |                                                      |              |              | <b>1.02</b>       | <b>0.12</b>                        | <b>0.13</b> | <b>0.11</b> |                                                      |
| <b>Standardabweichung</b> |                                                      |              |              | <b>0.17</b>       |                                                      |              |              | <b>0.5</b>        | <b>0.06</b>                        | <b>0.05</b> | <b>0.02</b> |                                                      |

Quelle: BAM-Forschungsbericht Nr. 115 (1985), Tabellen 5.40;1 bis 11