

**Güte (STRESS 5Werte) für Schwellen-Farbdifferenzdaten (TCD)**

| Datensatz | Berechnungen mit Daten für graues Umfeld (Farbart nahe D65) |                                   |      |      |      |                                      |                                   |                              |                                  |                               |
|-----------|-------------------------------------------------------------|-----------------------------------|------|------|------|--------------------------------------|-----------------------------------|------------------------------|----------------------------------|-------------------------------|
|           | Farbabstand $\Delta E^*_{\text{CIELAB}}$                    |                                   |      |      |      | Farbabstandsformel und STRESS-Wert   |                                   |                              |                                  |                               |
| Name      | Paare                                                       | $\Delta E^*_{\text{ab}}$ -Bereich | min  | max  | mean | CIELAB<br>$\Delta E_{\text{ab\_PF}}$ | CMC<br>$\Delta E_{\text{CM\_PF}}$ | CIE94<br>$\Delta E_{94\_PF}$ | CIEDE2000<br>$\Delta E_{00\_PF}$ | LABJND<br>$\Delta E_{85\_PF}$ |
| WA_0100   | 100                                                         | 0.0 bis <99.0                     | 0.19 | 1.35 | 0.54 | 20.2                                 | 15.4                              | 22.5                         | 13.4                             | 21.0                          |
| 1S_0890   | 890                                                         | 0.0 bis <99.0                     | 0.1  | 4.87 | 1.09 | 35.7                                 | 35.2                              | 35.0                         | 35.8                             | 28.4                          |
| 2M_0399   | 399                                                         | 0.0 bis <99.0                     | 0.09 | 2.74 | 0.7  | 40.8                                 | 38.3                              | 38.4                         | 38.2                             | 32.6                          |
| 2S_0446   | 446                                                         | 0.0 bis <99.0                     | 0.07 | 4.28 | 1.08 | 36.8                                 | 39.1                              | 38.6                         | 39.5                             | 36.9                          |
| 2G_0379   | 379                                                         | 0.0 bis <99.0                     | 0.08 | 2.61 | 0.81 | 45.2                                 | 43.6                              | 42.9                         | 44.0                             | 37.1                          |
| WA_0100   | 99                                                          | 0.0 bis <1.0                      | 0.19 | 0.94 | 0.54 | 19.2                                 | 15.4                              | 22.6                         | 13.4                             | 21.1                          |
| 1S_0890   | 513                                                         | 0.0 bis <1.0                      | 0.1  | 0.99 | 0.63 | 30.0                                 | 34.1                              | 34.4                         | 34.6                             | 30.3                          |
| 2M_0399   | 316                                                         | 0.0 bis <1.0                      | 0.09 | 0.99 | 0.53 | 36.9                                 | 35.2                              | 36.3                         | 34.8                             | 32.5                          |
| 2S_0446   | 255                                                         | 0.0 bis <1.0                      | 0.07 | 0.99 | 0.51 | 35.1                                 | 36.5                              | 37.8                         | 36.9                             | 37.4                          |
| 2G_0379   | 276                                                         | 0.0 bis <1.0                      | 0.08 | 0.99 | 0.57 | 48.1                                 | 47.6                              | 46.5                         | 47.8                             | 40.9                          |
| WA_0100   | 46                                                          | 0.0 bis <0.5                      | 0.19 | 0.49 | 0.39 | 12.7                                 | 17.4                              | 16.9                         | 12.0                             | 23.5                          |
| 1S_0890   | 157                                                         | 0.0 bis <0.5                      | 0.1  | 0.49 | 0.35 | 30.6                                 | 35.6                              | 35.0                         | 37.7                             | 30.1                          |
| 2M_0399   | 143                                                         | 0.0 bis <0.5                      | 0.09 | 0.49 | 0.3  | 35.2                                 | 38.0                              | 36.8                         | 35.7                             | 31.5                          |
| 2S_0446   | 133                                                         | 0.0 bis <0.5                      | 0.07 | 0.49 | 0.32 | 32.0                                 | 35.0                              | 35.1                         | 35.7                             | 34.4                          |
| 2G_0379   | 106                                                         | 0.0 bis <0.5                      | 0.08 | 0.49 | 0.34 | 47.7                                 | 48.5                              | 47.2                         | 47.4                             | 44.4                          |
| WA_0100   | 53                                                          | 0.5 bis <1.0                      | 0.5  | 0.94 | 0.66 | 11.0                                 | 13.1                              | 23.3                         | 14.1                             | 18.1                          |
| 1S_0890   | 356                                                         | 0.5 bis <1.0                      | 0.5  | 0.99 | 0.75 | 26.4                                 | 29.7                              | 29.4                         | 29.2                             | 29.4                          |
| 2M_0399   | 173                                                         | 0.5 bis <1.0                      | 0.5  | 0.99 | 0.72 | 30.1                                 | 30.1                              | 31.0                         | 29.6                             | 31.8                          |
| 2S_0446   | 122                                                         | 0.5 bis <1.0                      | 0.5  | 0.99 | 0.72 | 35.4                                 | 37.3                              | 38.5                         | 37.3                             | 38.9                          |
| 2G_0379   | 170                                                         | 0.5 bis <1.0                      | 0.5  | 0.99 | 0.71 | 44.5                                 | 43.9                              | 42.3                         | 44.0                             | 38.1                          |
| WA_0100   | 1                                                           | 1.0 bis <1.5                      | 1.35 | 1.35 | 1.35 | 0.1                                  | 0.1                               | 0.1                          | 0.1                              | 0.1                           |
| 1S_0890   | 198                                                         | 1.0 bis <1.5                      | 1.0  | 1.49 | 1.23 | 24.5                                 | 28.5                              | 29.3                         | 30.8                             | 26.9                          |
| 2M_0399   | 66                                                          | 1.0 bis <1.5                      | 1.02 | 1.49 | 1.21 | 32.9                                 | 33.7                              | 32.5                         | 33.7                             | 31.8                          |
| 2S_0446   | 76                                                          | 1.0 bis <1.5                      | 1.0  | 1.49 | 1.2  | 32.6                                 | 35.0                              | 38.2                         | 37.5                             | 36.6                          |
| 2G_0379   | 64                                                          | 1.0 bis <1.5                      | 1.0  | 1.49 | 1.23 | 30.6                                 | 29.4                              | 29.4                         | 29.7                             | 28.4                          |
| WA_0100   | 0                                                           |                                   |      |      |      |                                      |                                   |                              |                                  |                               |
| 1S_0890   | 84                                                          | 1.5 bis <2.0                      | 1.5  | 1.98 | 1.72 | 22.7                                 | 24.6                              | 26.6                         | 26.4                             | 26.2                          |
| 2M_0399   | 12                                                          | 1.5 bis <2.0                      | 1.5  | 1.97 | 1.67 | 38.2                                 | 34.3                              | 30.2                         | 34.5                             | 29.2                          |
| 2S_0446   | 49                                                          | 1.5 bis <2.0                      | 1.51 | 1.99 | 1.74 | 30.1                                 | 31.7                              | 30.5                         | 30.7                             | 30.5                          |
| 2G_0379   | 29                                                          | 1.5 bis <2.0                      | 1.51 | 1.99 | 1.69 | 24.7                                 | 25.3                              | 25.7                         | 26.4                             | 26.7                          |
| WA_0100   | 100                                                         | 0.0 bis <2.0                      | 0.19 | 1.35 | 0.54 | 20.2                                 | 15.4                              | 22.5                         | 13.4                             | 21.0                          |
| 1S_0890   | 795                                                         | 0.0 bis <2.0                      | 0.1  | 1.98 | 0.89 | 30.4                                 | 32.9                              | 33.8                         | 34.1                             | 28.9                          |
| 2M_0399   | 394                                                         | 0.0 bis <2.0                      | 0.09 | 1.97 | 0.68 | 39.7                                 | 37.8                              | 37.8                         | 37.7                             | 32.5                          |
| 2S_0446   | 380                                                         | 0.0 bis <2.0                      | 0.07 | 1.99 | 0.81 | 34.9                                 | 35.5                              | 36.9                         | 36.5                             | 36.8                          |
| 2G_0379   | 369                                                         | 0.0 bis <2.0                      | 0.08 | 1.99 | 0.77 | 46.0                                 | 44.3                              | 43.6                         | 44.7                             | 37.9                          |

Datensätze: WA=WAMG-M, 1S=BIGC-T1-SG, 2M=BIGC-T2-M, 2S=BIGC-T2-SG, 2G=BIGC-T2-T