**Interpretation *rgb* −> *olv** and CIELAB data of a 48 step device hue circle**
**for a sRGB standard display with the luminance reflection $L_r$=5% compared to the white reference (100%)**

**48 step device hue circle with six device hues *OYLCVM*: $h_{ab,a}$ = 31.9, 103.7, 137.6, 196.6, 302.8, 327.9**
**Comparison with four elementary hues *RJGB*: $h_{ab,a}$ = 25.5, 92.3, 162.2, 271.7, and *C' M'* = 217.0, 328.6**
**9 step equidistant grey scale: *L** = 26.8, 35.4, 44.0, 52.6, 61.1, 69.7, 78.3, 86.8, 95.4**

| $u^*_{Ma}$ | $h_{rgb}$ | $L^*_{Ma}$ | $a^*_{Ma}$ | $b^*_{Ma}$ | $C^*_{ab,Ma}$ | $h_{Ma}$ | *rgb* −> *olv**$_{Ma}$ | |
|---|---|---|---|---|---|---|---|---|
| r10j | 30.0 | 54.9 | 66.8 | 41.7 | 78.8 | **31.9** | **1.000 0.000 0.000** | |
| r12j | 36.6 | 55.7 | 64.4 | 42.7 | 77.3 | **33.5** | **1.000 0.125 0.000** | |
| r18j | 43.9 | 57.9 | 58.6 | 45.0 | 73.9 | **37.5** | **1.000 0.250 0.000** | |
| r29j | 51.8 | 61.4 | 49.3 | 48.8 | 69.4 | **44.8** | **1.000 0.375 0.000** | |
| r44j | 60.0 | 66.2 | 37.2 | 53.9 | 65.5 | **55.4** | **1.000 0.500 0.000** | |
| r64j | 68.2 | 72.0 | 23.4 | 59.8 | 64.2 | **68.5** | **1.000 0.625 0.000** | |
| r84j | 76.1 | 78.5 | 9.0 | 66.2 | 66.8 | **82.2** | **1.000 0.750 0.000** | ***J*** |
| j03g | 90.0 | 92.8 | −19.4 | 79.8 | 82.1 | **94.2** | **1.000 0.875 0.000** | |
| j16g | 96.6 | 90.7 | −30.8 | 77.1 | 83.1 | **103.7** | **1.000 1.000 0.000** | |
| j28g | 103.9 | 89.0 | −41.7 | 74.8 | 85.7 | **111.8** | **0.875 1.000 0.000** | |
| j38g | 111.8 | 87.5 | −51.5 | 72.9 | 89.3 | **119.2** | **0.750 1.000 0.000** | |
| j47g | 111.8 | 87.5 | −51.5 | 72.9 | 89.3 | **125.3** | **0.625 1.000 0.000** | |
| j53g | 120.0 | 86.3 | −59.9 | 71.3 | 93.2 | **130.1** | **0.500 1.000 0.000** | |
| j58g | 128.2 | 85.4 | −66.6 | 70.2 | 96.8 | **133.6** | **0.375 1.000 0.000** | |
| j62g | 128.2 | 85.4 | −66.6 | 70.2 | 96.8 | **135.9** | **0.250 1.000 0.000** | |
| j63g | 136.1 | 84.8 | −71.4 | 69.4 | 99.6 | **137.1** | **0.125 1.000 0.000** | |
| j64g | 136.1 | 84.8 | −71.4 | 69.4 | 99.6 | **137.6** | **0.000 1.000 0.000** | |
| j65g | 136.1 | 84.8 | −71.4 | 69.4 | 99.6 | **138.5** | **0.000 1.000 0.125** | |
| j68g | 136.1 | 84.8 | −71.4 | 69.4 | 99.6 | **140.5** | **0.000 1.000 0.250** | |
| j73g | 136.1 | 84.8 | −71.4 | 69.4 | 99.6 | **143.9** | **0.000 1.000 0.375** | |
| j80g | 143.4 | 84.5 | −74.2 | 68.9 | 101.3 | **149.0** | **0.000 1.000 0.500** | |
| j90g | 150.0 | 84.4 | −75.3 | 68.8 | 102.1 | **155.9** | **0.000 1.000 0.625** | ***G*** |
| g03b | 156.6 | 84.4 | −74.8 | 66.3 | 100.0 | **165.6** | **0.000 1.000 0.750** | |
| g15b | 171.8 | 84.7 | −71.0 | 51.8 | 88.0 | **178.8** | **0.000 1.000 0.875** | |

| $u^*_{Ma}$ | $h_{rgb}$ | $L^*_{Ma}$ | $a^*_{Ma}$ | $b^*_{Ma}$ | $C^*_{ab,Ma}$ | $h_{Ma}$ | *rgb* −> *olv**$_{Ma}$ | |
|---|---|---|---|---|---|---|---|---|
| g31b | 196.1 | 86.0 | −57.0 | 14.8 | 59.0 | **196.6** | **0.000 1.000 1.000** | ***C'*** |
| g53b | 216.6 | 79.2 | −29.5 | −25.0 | 38.8 | **220.4** | **0.000 0.875 1.000** | |
| g78b | 240.0 | 55.9 | 15.6 | −61.5 | 63.5 | **247.9** | **0.000 0.750 1.000** | |
| g97b | 263.4 | 41.1 | 52.8 | −85.6 | 100.7 | **269.9** | **0.000 0.625 1.000** | ***B*** |
| b11r | 276.6 | 40.1 | 57.3 | −87.2 | 104.4 | **284.2** | **0.000 0.500 1.000** | |
| b18r | 291.8 | 43.0 | 61.3 | −82.4 | 102.8 | **293.1** | **0.000 0.375 1.000** | |
| b23r | 291.8 | 43.0 | 61.3 | −82.4 | 102.8 | **298.6** | **0.000 0.250 1.000** | |
| b26r | 300.0 | 45.5 | 64.8 | −78.2 | 101.7 | **301.6** | **0.000 0.125 1.000** | |
| b27r | 300.0 | 45.5 | 64.8 | −78.2 | 101.7 | **302.8** | **0.000 0.000 1.000** | |
| b27r | 300.0 | 45.5 | 64.8 | −78.2 | 101.7 | **303.3** | **0.125 0.000 1.000** | |
| b28r | 300.0 | 45.5 | 64.8 | −78.2 | 101.7 | **304.5** | **0.250 0.000 1.000** | |
| b30r | 300.0 | 45.5 | 64.8 | −78.2 | 101.7 | **306.6** | **0.375 0.000 1.000** | |
| b33r | 308.3 | 48.6 | 69.0 | −73.0 | 100.5 | **309.6** | **0.500 0.000 1.000** | |
| b36r | 308.3 | 48.6 | 69.0 | −73.0 | 100.5 | **313.3** | **0.625 0.000 1.000** | |
| b40r | 316.1 | 52.3 | 73.8 | −66.9 | 99.7 | **317.8** | **0.750 0.000 1.000** | |
| b44r | 323.4 | 56.3 | 79.1 | −60.2 | 99.5 | **322.7** | **0.875 0.000 1.000** | |
| b48r | 330.0 | 60.6 | 84.6 | −53.0 | 99.9 | **327.9** | **1.000 0.000 1.000** | ***M'*** |
| b55r | 336.6 | 59.2 | 80.5 | −39.3 | 89.6 | **333.9** | **1.000 0.000 0.875** | |
| b61r | 343.9 | 58.0 | 76.8 | −25.2 | 80.9 | **341.8** | **1.000 0.000 0.750** | |
| b70r | 351.8 | 57.0 | 73.7 | −10.7 | 74.5 | **351.6** | **1.000 0.000 0.625** | |
| b79r | 8.2 | 55.6 | 69.2 | 17.2 | 71.3 | **2.8** | **1.000 0.000 0.500** | |
| b89r | 23.4 | 55.0 | 67.2 | 37.7 | 77.0 | **14.0** | **1.000 0.000 0.375** | |
| b97r | 30.0 | 54.9 | 66.9 | 41.7 | 78.8 | **23.3** | **1.000 0.000 0.250** | |
| r06j | 36.6 | 55.7 | 64.4 | 42.7 | 77.3 | **29.3** | **1.000 0.000 0.125** | |