

### Colorimetric data for system lines TLS00 -> ORS18, TLS00, NRS18, SRS18

For input  $LCH^*_{a0}$  (TLS00) and output  $H^*_{aim}$   $H^*_{eim}$  for 4 systems (  $m=0$  to 4 )  
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);  
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);  
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);  
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

| no. | Colour | ->TLS00      |       |       |             | ->TLS00     |             |             |             | ORS18       |             | TLS00       |             | NRS18 |     | SRS18 |     |
|-----|--------|--------------|-------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-----|-------|-----|
|     |        | $LCH^*_{a0}$ | $n^*$ | $c^*$ | $H^*_{ai0}$ | $H^*_{ai1}$ | $H^*_{ei1}$ | $H^*_{ai2}$ | $H^*_{ei2}$ | $H^*_{ai3}$ | $H^*_{ei3}$ | $H^*_{ai4}$ | $H^*_{ei4}$ |       |     |       |     |
| 01  | N      | 0.0          | 0.0   | -     | 1.0         | 0.0         | -           | -           | -           | -           | -           | -           | -           | -     | -   | -     |     |
| 02  | Vn     | 15.3         | 23.9  | 306   | 0.5         | 0.5         | 306         | 306         | 298         | 306         | 297         | 306         | 297         | 306   | 297 | 306   | 297 |
| 03  | V      | 30.5         | 47.8  | 306   | 0.0         | 1.0         | 306         | 306         | 298         | 306         | 297         | 306         | 297         | 306   | 297 | 306   | 297 |
| 04  | Ln     | 41.8         | 46.5  | 136   | 0.5         | 0.5         | 136         | 136         | 145         | 136         | 146         | 136         | 146         | 136   | 146 | 136   | 146 |
| 05  | Cn     | 43.4         | 57.3  | 196   | 0.5         | 0.5         | 196         | 196         | 207         | 196         | 208         | 196         | 208         | 196   | 208 | 196   | 208 |
| 06  | -      | 58.8         | 27.6  | 251   | 0.0         | 1.0         | 251         | 251         | 253         | 251         | 253         | 251         | 253         | 251   | 253 | 251   | 253 |
| 07  | L      | 83.6         | 93.1  | 136   | 0.0         | 1.0         | 136         | 136         | 145         | 136         | 146         | 136         | 146         | 136   | 146 | 136   | 146 |
| 08  | -      | 85.2         | 99.4  | 166   | 0.0         | 1.0         | 166         | 166         | 181         | 166         | 183         | 166         | 183         | 166   | 183 | 166   | 183 |
| 09  | C      | 86.9         | 115   | 196   | 0.0         | 1.0         | 196         | 196         | 207         | 196         | 208         | 196         | 208         | 196   | 208 | 196   | 208 |
| 10  | On     | 25.3         | 55.5  | 40    | 0.5         | 0.5         | 40          | 40          | 20          | 40          | 19          | 40          | 19          | 40    | 19  | 40    | 19  |
| 11  | Mn     | 28.5         | 64.2  | 328   | 0.5         | 0.5         | 328         | 328         | 315         | 328         | 315         | 328         | 315         | 328   | 315 | 328   | 315 |
| 12  | -      | 43.5         | 126   | 317   | 0.0         | 1.0         | 317         | 317         | 306         | 317         | 306         | 317         | 306         | 317   | 306 | 317   | 306 |
| 13  | Ln     | 46.3         | 46.5  | 103   | 0.5         | 0.5         | 103         | 103         | 104         | 103         | 104         | 103         | 104         | 103   | 104 | 103   | 104 |
| 14  | Z      | 47.7         | 0.0   | -     | 0.5         | 0.0         | -           | -           | -           | -           | -           | -           | -           | -     | -   | -     | -   |
| 15  | Vw     | 63.0         | 23.9  | 306   | 0.0         | 0.5         | 306         | 306         | 298         | 306         | 297         | 306         | 297         | 306   | 297 | 306   | 297 |
| 16  | -      | 88.3         | 89.2  | 119   | 0.0         | 1.0         | 119         | 119         | 124         | 119         | 124         | 119         | 124         | 119   | 124 | 119   | 124 |
| 17  | Lw     | 89.5         | 46.5  | 136   | 0.0         | 0.5         | 136         | 136         | 145         | 136         | 146         | 136         | 146         | 136   | 146 | 136   | 146 |
| 18  | Mw     | 91.1         | 57.3  | 196   | 0.0         | 0.5         | 196         | 196         | 207         | 196         | 208         | 196         | 208         | 196   | 208 | 196   | 208 |
| 19  | O      | 50.5         | 111   | 40    | 0.0         | 1.0         | 40          | 40          | 20          | 40          | 19          | 40          | 19          | 40    | 19  | 40    | 19  |
| 20  | -      | 53.9         | 89.9  | 4     | 0.0         | 1.0         | 4           | 4           | 343         | 4           | 343         | 4           | 343         | 4     | 343 | 4     | 343 |
| 21  | M      | 57.0         | 128   | 328   | 0.0         | 1.0         | 328         | 328         | 315         | 328         | 315         | 328         | 315         | 328   | 315 | 328   | 315 |
| 22  | -      | 71.3         | 85.7  | 71    | 0.0         | 1.0         | 71          | 71          | 62          | 71          | 61          | 71          | 61          | 71    | 61  | 71    | 61  |
| 23  | Ow     | 73.0         | 55.5  | 40    | 0.0         | 0.5         | 40          | 40          | 20          | 40          | 19          | 40          | 19          | 40    | 19  | 40    | 19  |
| 24  | Mw     | 76.2         | 64.2  | 328   | 0.0         | 0.5         | 328         | 328         | 315         | 328         | 315         | 328         | 315         | 328   | 315 | 328   | 315 |
| 25  | Y      | 92.6         | 93.0  | 103   | 0.0         | 1.0         | 103         | 103         | 104         | 103         | 104         | 103         | 104         | 103   | 104 | 103   | 104 |
| 26  | Yw     | 94.0         | 46.5  | 103   | 0.0         | 0.5         | 103         | 103         | 104         | 103         | 104         | 103         | 104         | 103   | 104 | 103   | 104 |
| 27  | W      | 95.4         | 0.0   | -     | 0.0         | 0.0         | -           | -           | -           | -           | -           | -           | -           | -     | -   | -     | -   |

$$H^*_{ai0} = \text{round} ( H^*_{a0} )$$

### Colorimetric data for system lines SRS18 -> ORS18, TLS00, NRS18, SRS18

For input  $LCH^*_{a0}$  (SRS18) and output  $H^*_{aim}$   $H^*_{eim}$  for 4 systems (  $m=0$  to 4 )  
Six CIELAB hue angles of device ORS18: (37.7 96.4 150.9 236.0 305.0 353.7);  
Six CIELAB hue angles of device TLS00: (40.0 102.8 136.0 196.4 306.3 328.2);  
Six CIELAB hue angles of device NRS18: (25.5 92.3 162.2 217.0 271.7 328.6);  
Six CIELAB hue angles of device SRS18: (30.0 90.0 150.0 210.0 270.0 330.0);

| no. | Colour | ->SRS18      |       |       | ->SRS18     |             |             | ORS18       |             | TLS00       |             | NRS18       |             | SRS18 |     |
|-----|--------|--------------|-------|-------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------|-----|
|     |        | $LCH^*_{a0}$ | $n^*$ | $c^*$ | $H^*_{ai0}$ | $H^*_{ai1}$ | $H^*_{ei1}$ | $H^*_{ai2}$ | $H^*_{ei2}$ | $H^*_{ai3}$ | $H^*_{ei3}$ | $H^*_{ai4}$ | $H^*_{ei4}$ |       |     |
| 01  | N      | 18.0         | 0.0   | -     | 1.0         | 0.0         | -           | -           | -           | -           | -           | -           | -           | -     |     |
| 02  | Vn     | 37.4         | 38.7  | 270   | 0.5         | 0.5         | 270         | 270         | 269         | 270         | 269         | 270         | 269         | 270   | 269 |
| 03  | V      | 56.7         | 77.4  | 270   | 0.0         | 1.0         | 270         | 270         | 269         | 270         | 269         | 270         | 269         | 270   | 269 |
| 04  | Ln     | 37.4         | 38.7  | 150   | 0.5         | 0.5         | 150         | 150         | 162         | 150         | 164         | 150         | 164         | 150   | 164 |
| 05  | Cn     | 37.4         | 38.7  | 210   | 0.5         | 0.5         | 210         | 210         | 218         | 210         | 219         | 210         | 219         | 210   | 219 |
| 06  | -      | 56.7         | 67.0  | 240   | 0.0         | 1.0         | 240         | 240         | 244         | 240         | 244         | 240         | 244         | 240   | 244 |
| 07  | L      | 56.7         | 77.4  | 150   | 0.0         | 1.0         | 150         | 150         | 162         | 150         | 164         | 150         | 164         | 150   | 164 |
| 08  | -      | 56.7         | 67.0  | 180   | 0.0         | 1.0         | 180         | 180         | 193         | 180         | 195         | 180         | 195         | 180   | 195 |
| 09  | C      | 56.7         | 77.4  | 210   | 0.0         | 1.0         | 210         | 210         | 218         | 210         | 219         | 210         | 219         | 210   | 219 |
| 10  | On     | 37.4         | 38.7  | 30    | 0.5         | 0.5         | 30          | 30          | 7           | 30          | 6           | 30          | 6           | 30    | 6   |
| 11  | Mn     | 37.4         | 38.7  | 330   | 0.5         | 0.5         | 330         | 330         | 317         | 330         | 316         | 330         | 316         | 330   | 316 |
| 12  | -      | 56.7         | 67.0  | 300   | 0.0         | 1.0         | 300         | 300         | 293         | 300         | 292         | 300         | 292         | 300   | 292 |
| 13  | Ln     | 37.4         | 38.7  | 90    | 0.5         | 0.5         | 90          | 90          | 87          | 90          | 87          | 90          | 87          | 90    | 87  |
| 14  | Z      | 56.7         | 0.0   | -     | 0.5         | 0.0         | -           | -           | -           | -           | -           | -           | -           | -     | -   |
| 15  | Vw     | 76.1         | 38.7  | 270   | 0.0         | 0.5         | 270         | 270         | 269         | 270         | 269         | 270         | 269         | 270   | 269 |
| 16  | -      | 56.7         | 67.0  | 120   | 0.0         | 1.0         | 120         | 120         | 125         | 120         | 126         | 120         | 126         | 120   | 126 |
| 17  | Lw     | 76.1         | 38.7  | 150   | 0.0         | 0.5         | 150         | 150         | 162         | 150         | 164         | 150         | 164         | 150   | 164 |
| 18  | Mw     | 76.1         | 38.7  | 210   | 0.0         | 0.5         | 210         | 210         | 218         | 210         | 219         | 210         | 219         | 210   | 219 |
| 19  | O      | 56.7         | 77.4  | 30    | 0.0         | 1.0         | 30          | 30          | 7           | 30          | 6           | 30          | 6           | 30    | 6   |
| 20  | -      | 56.7         | 67.0  | 0     | 0.0         | 1.0         | 0           | 0           | 340         | 0           | 340         | 0           | 340         | 0     | 340 |
| 21  | M      | 56.7         | 77.4  | 330   | 0.0         | 1.0         | 330         | 330         | 317         | 330         | 316         | 330         | 316         | 330   | 316 |
| 22  | -      | 56.7         | 67.0  | 60    | 0.0         | 1.0         | 60          | 60          | 47          | 60          | 46          | 60          | 46          | 60    | 46  |
| 23  | Ow     | 76.1         | 38.7  | 30    | 0.0         | 0.5         | 30          | 30          | 7           | 30          | 6           | 30          | 6           | 30    | 6   |
| 24  | Mw     | 76.1         | 38.7  | 330   | 0.0         | 0.5         | 330         | 330         | 317         | 330         | 316         | 330         | 316         | 330   | 316 |
| 25  | Y      | 56.7         | 77.4  | 90    | 0.0         | 1.0         | 90          | 90          | 87          | 90          | 87          | 90          | 87          | 90    | 87  |
| 26  | Yw     | 76.1         | 38.7  | 90    | 0.0         | 0.5         | 90          | 90          | 87          | 90          | 87          | 90          | 87          | 90    | 87  |
| 27  | W      | 95.4         | 0.0   | -     | 0.0         | 0.0         | -           | -           | -           | -           | -           | -           | -           | -     | -   |

$$H^*_{ai0} = \text{round} ( H^*_{a0} )$$