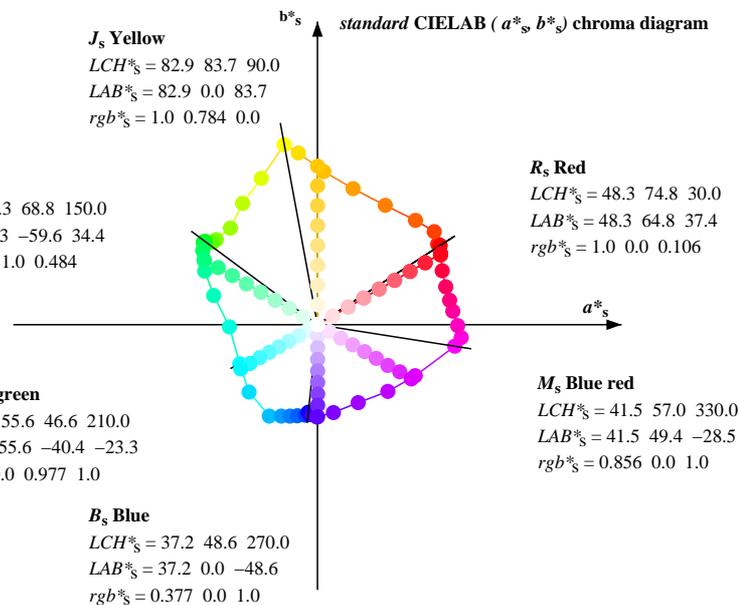
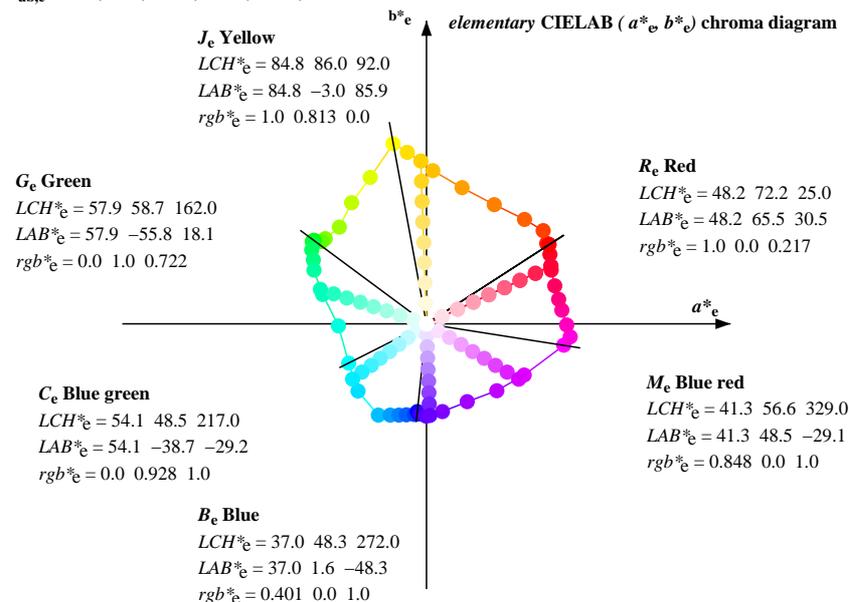
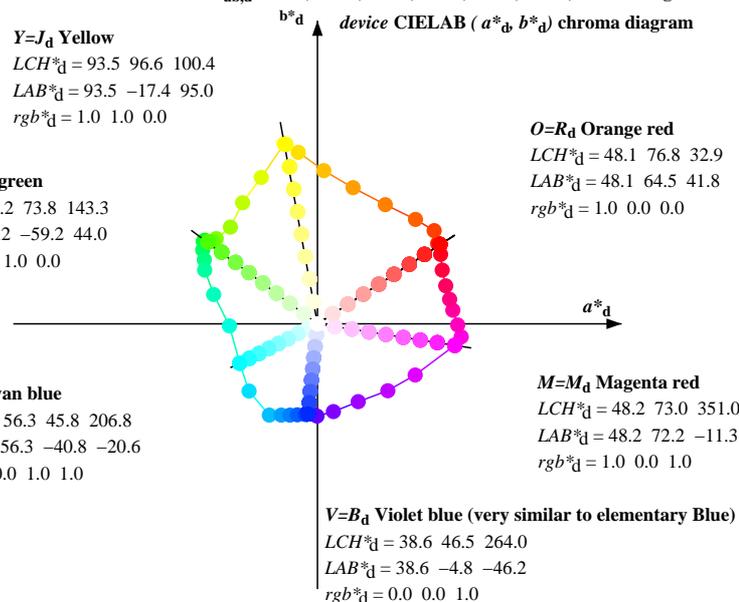


Data of Maximum color M in colorimetric system laser printer HRS18\_96; no separation, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours  $s$ :  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
 Six hue angles of the device colours  $d$ :  $h_{ab,d} = 32.9, 100.4, 143.4, 206.8, 264.1, 351.1$ ; Six hue angles of the elementary colours  $e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



**Notes to the CIELAB chroma diagrams ( $a^*_d, b^*_d$ ), ( $a^*_s, b^*_s$ ), ( $a^*_e, b^*_e$ )**

- For the  $rgb^*_d$ -input values the CIELAB data  $LCH^*_d$  and  $LAB^*_d$  have been measured.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_d$  the equation:  

$$h_{ab,s} = atan [ r^*_d \cos(30) + g^*_d \cos(150) ] / [ r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours  $s$ :  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  ( $i=0,6$ ) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,sij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

$$h_{360ab,sij} = h_{ab,si} + j [ h_{ab,si+1} - h_{ab,si} ] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles  $h_{ab,e}$  of the colours of maximum chroma use the seven hue angles of the elementary colours  $e$ :  $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$  ( $i=0,6$ ) and the equations for a 48 and 360 step elementary hue circle:  

$$h_{48ab,eij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

$$h_{360ab,eij} = h_{ab,ei} + j [ h_{ab,ei+1} - h_{ab,ei} ] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle  $h_{ab,e}$  there is a well defined device hue angle  $h_{ab,d}$  see the following tables, columns 1 to 3.
- The values  $rgb^*_de$  produce the output of the device-independent elementary hues

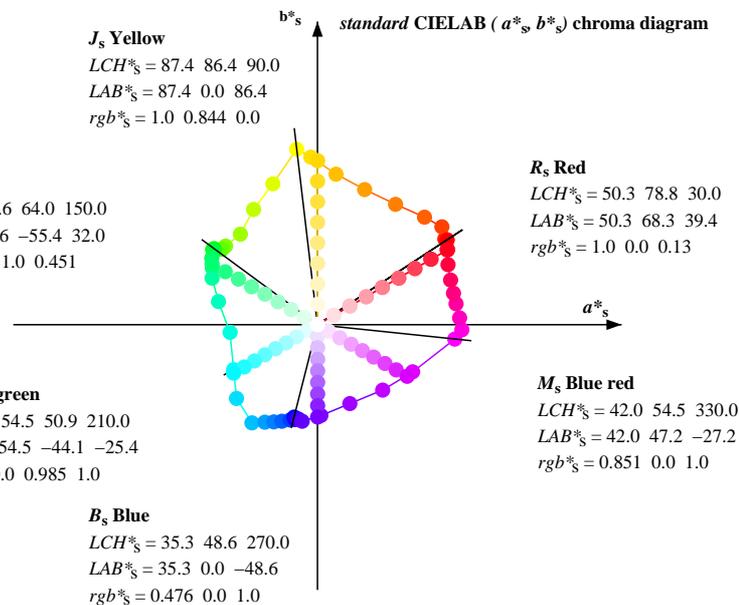
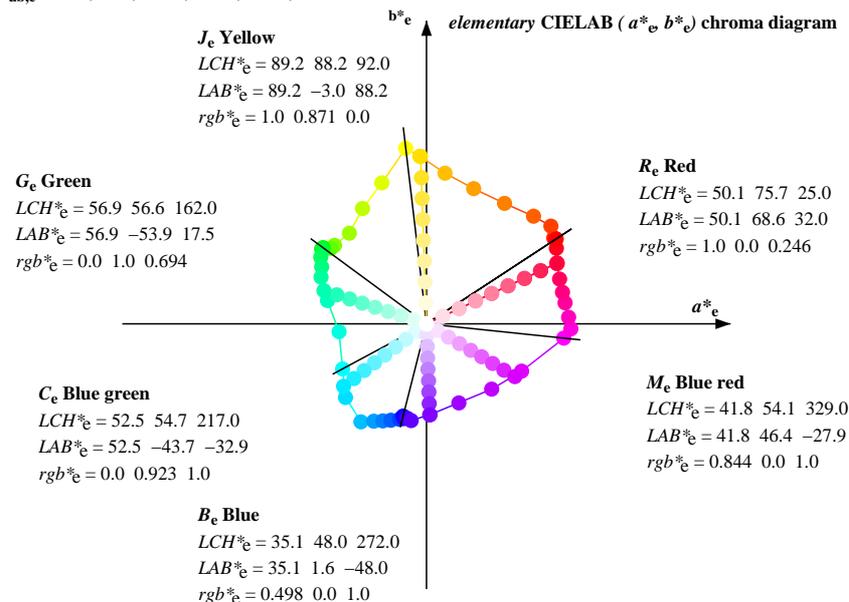
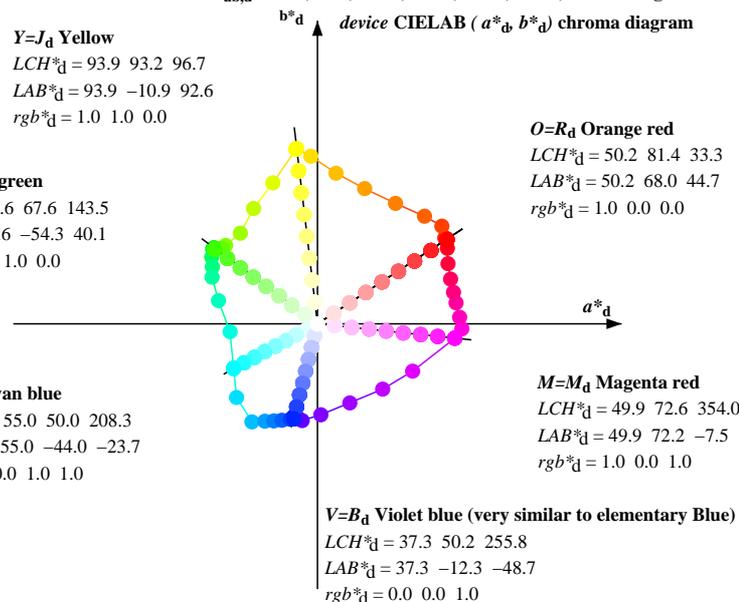
See original or copy: <http://web.me.com/klaus.richter/OE29/OE29L0NA.TXT> /PS  
 Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20110301-OE29/OE29L0NA.TXT /PS  
 application for measurement of printer or monitor systems

TUB material: code=rh4ta



Data of Maximum color M in colorimetric system laser printer HRS18\_96; no separation, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours  $s$ :  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
 Six hue angles of the device colours  $d$ :  $h_{ab,d} = 33.3, 96.7, 143.6, 208.3, 255.8, 354.0$ ; Six hue angles of the elementary colours  $e$ :  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$



**Notes to the CIELAB chroma diagrams ( $a^*_d, b^*_d$ ), ( $a^*_s, b^*_s$ ), ( $a^*_e, b^*_e$ )**

- For the  $rgb^*_d$ -input values the CIELAB data  $LCH^*_d$  and  $LAB^*_d$  have been measured.
- For the calculation of the standard hue angle  $h_{ab,s}$  use for any device values  $rgb^*_d$  the equation:  

$$h_{ab,s} = atan [ r^*_d \cos(30) + g^*_d \cos(150) ] / [ r^*_d \sin(30) + g^*_d \sin(150) + b^*_d \sin(270) ] \quad (1)$$
- For the 48 or 360 equally spaced standard hue angles  $h_{ab,s}$  of the colours of maximum chroma use the seven hue angles of the 60 degree colours  $s$ :  $h_{ab,si} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0, 390.0$  ( $i=0,6$ ) and the equations for a 48 and 360 step hue circle:  

$$h_{48ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (2)$$
  

$$h_{360ab,sij} = h_{ab,si} + j [h_{ab,si+1} - h_{ab,si}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (3)$$
- For the 48 or 360 elementary hue angles  $h_{ab,e}$  of the colours of maximum chroma use the seven hue angles of the elementary colours  $e$ :  $h_{ab,ei} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6, 385.5$  ( $i=0,6$ ) and the equations for a 48 and 360 step elementary hue circle:  

$$h_{48ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 8 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 7) \quad (4)$$
  

$$h_{360ab,eij} = h_{ab,ei} + j [h_{ab,ei+1} - h_{ab,ei}] / 60 \quad (i = 0, 1, \dots, 5; j = 0, 1, \dots, 59) \quad (5)$$
- For any elementary hue angle  $h_{ab,e}$  there is a well defined device hue angle  $h_{ab,d}$  see the following tables, columns 1 to 3.
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 Technical information: <http://www.ps.bam.de> or <http://130.149.60.45/~farbmetrik>

TUB registration: 20110301-OE29/OE29L0NA.TXT /PS  
 application for measurement of printer or monitor systems

TUB material: code=rh4ta

Data of Maximum color M in colorimetric system laser printer HRS18\_96; no separation, D65 and D50 for input or output; Six hue angles of the 60 degree standard colours s:  $h_{ab,s} = 30.0, 90.0, 150.0, 210.0, 270.0, 330.0$ ;  
Six hue angles of the device colours d:  $h_{ab,d} = 33.3, 96.7, 143.6, 208.3, 255.8, 354.0$ ; Six hue angles of the elementary colours e:  $h_{ab,e} = 25.5, 92.3, 162.2, 217.0, 271.7, 328.6$

| $h_{ab,d}$ | $h_{ab,s}$ | $h_{ab,e}$ | $rgb^*_d$ |        |           | $LAB^*_d$ |        |           | $rgb^*_s$ |        |           | $LAB^*_s$ |        |           | $rgb^*_e$ |        |           | $LAB^*_e$ |        |           |       |       |       |       |      |       |       |       |      |       |       |       |       |
|------------|------------|------------|-----------|--------|-----------|-----------|--------|-----------|-----------|--------|-----------|-----------|--------|-----------|-----------|--------|-----------|-----------|--------|-----------|-------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|-------|
|            |            |            | dd50M     | ds50Mx | (x=LabCh) | ds50M     | ds50Mx | (x=LabCh) |       |       |       |       |      |       |       |       |      |       |       |       |       |
| 33.3       | 30.0       | 25.5       | 1.0       | 0.0    | 0.0       | 50.2      | 68.1   | 44.7      | 81.5      | 33.3   | 50.3      | 68.3      | 39.4   | 78.9      | 30        | 1.0    | 0.0       | 0.0       | 50.1   | 68.7      | 32.0  | 75.8  | 25    | 1.0   | 0.0  | 0.0   |       |       |      |       |       |       |       |
| 34.1       | 37.5       | 33.8       | 1.0       | 0.125  | 0.0       | 50.9      | 66.9   | 45.3      | 80.8      | 34.1   | 1.0       | 0.242     | 0.0    | 51.8      | 65.5      | 51.2   | 83.2      | 38        | 1.0    | 0.125     | 0.0   | 50.8  | 67.1  | 45.2  | 80.9 | 34    | 1.0   | 0.125 | 0.0  |       |       |       |       |
| 38.3       | 45.0       | 42.2       | 1.0       | 0.25   | 0.0       | 51.8      | 65.4   | 51.6      | 83.3      | 38.3   | 1.0       | 0.371     | 0.0    | 56.4      | 56.6      | 56.6   | 80.1      | 45        | 1.0    | 0.25      | 0.0   | 1.0   | 0.317 | 0.0   | 54.4 | 60.6  | 54.5  | 81.5  | 42   | 1.0   | 0.25  | 0.0   |       |
| 45.2       | 52.5       | 50.5       | 1.0       | 0.375  | 0.0       | 56.5      | 56.3   | 56.7      | 79.9      | 45.2   | 1.0       | 0.457     | 0.0    | 61.7      | 46.4      | 61.6   | 77.2      | 53        | 1.0    | 0.375     | 0.0   | 1.0   | 0.436 | 0.0   | 60.3 | 49.0  | 60.5  | 77.9  | 51   | 1.0   | 0.375 | 0.0   |       |
| 57.1       | 60.0       | 58.9       | 1.0       | 0.5    | 0.0       | 64.4      | 41.1   | 63.6      | 75.7      | 57.1   | 1.0       | 0.526     | 0.0    | 66.2      | 37.8      | 65.5   | 75.7      | 60        | 1.0    | 0.5       | 0.0   | 1.0   | 0.517 | 0.0   | 65.6 | 39.0  | 64.9  | 75.7  | 59   | 1.0   | 0.5   | 0.0   |       |
| 70.9       | 67.5       | 67.2       | 1.0       | 0.625  | 0.0       | 73.1      | 24.8   | 71.4      | 75.6      | 70.9   | 1.0       | 0.599     | 0.0    | 71.3      | 28.3      | 70.1   | 75.6      | 68        | 1.0    | 0.625     | 0.0   | 1.0   | 0.59  | 0.0   | 70.6 | 29.5  | 69.6  | 75.6  | 67   | 1.0   | 0.625 | 0.0   |       |
| 83.0       | 75.0       | 75.6       | 1.0       | 0.75   | 0.0       | 81.5      | 9.7    | 79.5      | 80.1      | 83.0   | 1.0       | 0.667     | 0.0    | 75.9      | 20.0      | 74.5   | 77.1      | 75        | 1.0    | 0.75      | 0.0   | 1.0   | 0.678 | 0.0   | 76.6 | 18.7  | 75.2  | 77.5  | 76   | 1.0   | 0.75  | 0.0   |       |
| 92.2       | 82.5       | 84.0       | 1.0       | 0.875  | 0.0       | 89.4      | -3.3   | 88.4      | 80.5      | 92.2   | 1.0       | 0.75      | 0.0    | 81.5      | 9.8       | 79.5   | 80.1      | 83        | 1.0    | 0.875     | 0.0   | 1.0   | 0.763 | 0.0   | 82.3 | 8.5   | 80.6  | 81.0  | 84   | 1.0   | 0.875 | 0.0   |       |
| 96.7       | 90.0       | 92.3       | 1.0       | 1.0    | 0.0       | 94.0      | -10.8  | 92.6      | 93.3      | 96.7   | 1.0       | 0.845     | 0.0    | 87.5      | 0.0       | 86.5   | 86.5      | 90        | 1.0    | 1.0       | 0.0   | 1.0   | 0.872 | 0.0   | 89.2 | -3.0  | 88.2  | 88.3  | 92   | 1.0   | 1.0   | 0.0   |       |
| 107.5      | 97.5       | 101.1      | 0.875     | 1.0    | 0.0       | 82.5      | -23.3  | 74.4      | 78.0      | 107.5  | 0.985     | 1.0       | 0.0    | 92.6      | -12.6     | 90.6   | 91.5      | 98        | 0.875  | 1.0       | 0.0   | 0.95  | 1.0   | 0.0   | 89.4 | -16.5 | 85.6  | 87.2  | 101  | 0.875 | 1.0   | 0.0   |       |
| 118.9      | 105.0      | 109.8      | 0.75      | 1.0    | 0.0       | 73.8      | -33.5  | 60.8      | 69.5      | 118.9  | 0.904     | 1.0       | 0.0    | 85.1      | -21.0     | 78.7   | 81.5      | 105       | 0.75   | 1.0       | 0.0   | 0.847 | 1.0   | 0.0   | 80.6 | -25.9 | 71.5  | 76.1  | 110  | 0.75  | 1.0   | 0.0   |       |
| 130.4      | 112.5      | 118.5      | 0.625     | 1.0    | 0.0       | 66.8      | -40.5  | 47.8      | 62.7      | 130.4  | 0.815     | 1.0       | 0.0    | 78.3      | -28.8     | 68.0   | 73.9      | 113       | 0.625  | 1.0       | 0.0   | 0.749 | 1.0   | 0.0   | 73.8 | -33.6 | 60.7  | 69.4  | 119  | 0.625 | 1.0   | 0.0   |       |
| 139.4      | 120.0      | 127.3      | 0.5       | 1.0    | 0.0       | 61.5      | -48.2  | 41.4      | 63.6      | 139.4  | 0.738     | 1.0       | 0.0    | 73.2      | -34.3     | 59.6   | 68.8      | 120       | 0.5    | 1.0       | 0.0   | 0.662 | 1.0   | 0.0   | 68.9 | -38.8 | 51.7  | 64.7  | 127  | 0.5   | 1.0   | 0.0   |       |
| 141.6      | 127.5      | 136.0      | 0.375     | 1.0    | 0.0       | 60.6      | -50.2  | 39.8      | 64.1      | 141.6  | 0.651     | 1.0       | 0.0    | 68.3      | -39.4     | 50.5   | 64.1      | 128       | 0.375  | 1.0       | 0.0   | 0.547 | 1.0   | 0.0   | 63.5 | -45.4 | 44.0  | 63.3  | 136  | 0.375 | 1.0   | 0.0   |       |
| 144.0      | 135.0      | 144.7      | 0.25      | 1.0    | 0.0       | 59.4      | -54.0  | 39.3      | 66.9      | 144.0  | 0.561     | 1.0       | 0.0    | 64.1      | -44.6     | 44.7   | 63.2      | 135       | 0.25   | 1.0       | 0.0   | 0.0   | 1.0   | 0.256 | 59.0 | -54.6 | 38.3  | 66.8  | 145  | 0.25  | 1.0   | 0.0   |       |
| 144.4      | 142.5      | 153.5      | 0.125     | 1.0    | 0.0       | 59.0      | -54.9  | 39.4      | 67.6      | 144.4  | 0.301     | 1.0       | 0.0    | 59.9      | -52.4     | 39.6   | 65.8      | 143       | 0.125  | 1.0       | 0.0   | 0.0   | 1.0   | 0.542 | 57.3 | -55.3 | 28.2  | 62.1  | 153  | 0.125 | 1.0   | 0.0   |       |
| 143.6      | 150.0      | 162.2      | 0.0       | 1.0    | 0.0       | 59.6      | -54.3  | 40.2      | 67.6      | 143.6  | 0.0       | 1.0       | 0.452  | 57.7      | -55.4     | 32.0   | 64.0      | 150       | 0.0    | 1.0       | 0.0   | 0.0   | 1.0   | 0.694 | 57.0 | -53.8 | 17.5  | 56.7  | 162  | 0.0   | 1.0   | 0.0   |       |
| 144.3      | 157.5      | 169.1      | 0.0       | 1.0    | 0.125     | 59.0      | -55.0  | 39.6      | 67.8      | 144.3  | 0.0       | 1.0       | 0.648  | 56.8      | -54.9     | 22.2   | 59.4      | 158       | 0.0    | 1.0       | 0.125 | 0.0   | 1.0   | 0.765 | 57.4 | -51.5 | 10.0  | 52.6  | 169  | 0.0   | 1.0   | 0.125 |       |
| 144.9      | 165.0      | 175.9      | 0.0       | 1.0    | 0.25      | 59.0      | -54.6  | 38.5      | 66.8      | 144.9  | 0.0       | 1.0       | 0.729  | 57.1      | -52.7     | 14.2   | 54.7      | 165       | 0.0    | 1.0       | 0.25  | 0.0   | 1.0   | 0.813 | 58.0 | -49.6 | 3.5   | 49.8  | 176  | 0.0   | 1.0   | 0.25  |       |
| 147.7      | 172.5      | 182.8      | 0.0       | 1.0    | 0.375     | 57.9      | -55.6  | 35.2      | 65.9      | 147.7  | 0.0       | 1.0       | 0.793  | 57.7      | -50.5     | 6.2    | 51.0      | 173       | 0.0    | 1.0       | 0.375 | 0.0   | 1.0   | 0.861 | 58.6 | -46.9 | -2.4  | 47.0  | 183  | 0.0   | 1.0   | 0.375 |       |
| 151.4      | 180.0      | 189.6      | 0.0       | 1.0    | 0.5       | 57.5      | -55.1  | 30.1      | 62.9      | 151.4  | 0.0       | 1.0       | 0.841  | 58.3      | -48.1     | 0.0    | 48.2      | 180       | 0.0    | 1.0       | 0.5   | 0.0   | 1.0   | 0.902 | 58.0 | -46.2 | -8.1  | 47.0  | 190  | 0.0   | 1.0   | 0.5   |       |
| 156.1      | 187.5      | 196.4      | 0.0       | 1.0    | 0.625     | 56.8      | -55.3  | 24.6      | 60.7      | 156.1  | 0.0       | 1.0       | 0.891  | 58.3      | -46.2     | -6.4   | 46.7      | 188       | 0.0    | 1.0       | 0.625 | 0.0   | 1.0   | 0.934 | 57.0 | -46.1 | -15.5 | 44.0  | 196  | 0.0   | 1.0   | 0.625 |       |
| 166.8      | 195.0      | 203.3      | 0.0       | 1.0    | 0.75      | 57.2      | -52.0  | 12.2      | 53.5      | 166.8  | 0.0       | 1.0       | 0.929  | 57.2      | -46.1     | -12.3  | 47.9      | 195       | 0.0    | 1.0       | 0.75  | 0.0   | 1.0   | 0.971 | 55.9 | -45.2 | -19.1 | 49.2  | 203  | 0.0   | 1.0   | 0.75  |       |
| 185.0      | 202.5      | 210.1      | 0.0       | 1.0    | 0.875     | 58.8      | -45.9  | -4.0      | 46.2      | 185.0  | 0.0       | 1.0       | 0.971  | 55.9      | -45.2     | -19.1  | 49.2      | 203       | 0.0    | 1.0       | 0.875 | 0.0   | 1.0   | 0.985 | 1.0  | 54.6  | -44.8 | -25.4 | 51.0 | 210   | 0.0   | 1.0   | 0.875 |
| 208.3      | 210.0      | 217.0      | 0.0       | 1.0    | 1.0       | 55.1      | -44.0  | -23.6     | 50.1      | 208.3  | 0.0       | 0.985     | 1.0    | 54.6      | -44.0     | -25.4  | 51.0      | 210       | 0.0    | 1.0       | 1.0   | 0.0   | 0.923 | 1.0   | 52.5 | -43.6 | -32.8 | 54.7  | 217  | 0.0   | 1.0   | 1.0   |       |
| 222.4      | 217.5      | 223.8      | 0.0       | 0.875  | 1.0       | 50.9      | -42.4  | -38.8     | 57.6      | 222.4  | 0.0       | 0.914     | 1.0    | 52.2      | -43.4     | -33.9  | 55.3      | 218       | 0.0    | 0.875     | 1.0   | 0.0   | 0.861 | 1.0   | 50.8 | -41.7 | -40.3 | 58.1  | 224  | 0.0   | 0.875 | 1.0   |       |
| 236.4      | 225.0      | 230.7      | 0.0       | 0.75   | 1.0       | 49.6      | -34.3  | -51.6     | 62.1      | 236.4  | 0.0       | 0.852     | 1.0    | 50.7      | -41.2     | -41.2  | 58.5      | 225       | 0.0    | 0.75      | 1.0   | 0.0   | 0.79  | 1.0   | 50.1 | -37.9 | -46.8 | 60.4  | 231  | 0.0   | 0.75  | 1.0   |       |
| 241.6      | 232.5      | 237.5      | 0.0       | 0.625  | 1.0       | 46.5      | -27.7  | -51.3     | 58.4      | 241.6  | 0.0       | 0.78      | 1.0    | 49.9      | -36.6     | -48.6  | 61.0      | 233       | 0.0    | 0.625     | 1.0   | 0.0   | 0.712 | 1.0   | 48.6 | -32.2 | -51.6 | 61.0  | 238  | 0.0   | 0.625 | 1.0   |       |
| 245.8      | 240.0      | 244.4      | 0.0       | 0.5    | 1.0       | 43.9      | -22.9  | -51.1     | 56.1      | 245.8  | 0.0       | 0.664     | 1.0    | 47.5      | -29.7     | -51.5  | 59.6      | 240       | 0.0    | 0.5       | 1.0   | 0.0   | 0.554 | 1.0   | 45.1 | -24.9 | -51.2 | 57.1  | 244  | 0.0   | 0.5   | 1.0   |       |
| 249.8      | 247.5      | 251.2      | 0.0       | 0.375  | 1.0       | 41.6      | -18.6  | -50.7     | 54.2      | 249.8  | 0.0       | 0.432     | 1.0    | 42.7      | -20.5     | -50.9  | 55.1      | 248       | 0.0    | 0.375     | 1.0   | 0.0   | 0.41  | 1.0   | 41.1 | -17.4 | -50.7 | 53.7  | 251  | 0.0   | 0.375 | 1.0   |       |
| 254.2      | 255.0      | 258.0      | 0.0       | 0.25   | 1.0       | 39.8      | -14.2  | -50.3     | 52.3      | 254.2  | 0.0       | 0.207     | 1.0    | 39.4      | -13.4     | -50.1  | 52.0      | 255       | 0.0    | 0.25      | 1.0   | 0.0   | 0.213 | 1.0   | 37.7 | -10.5 | -49.7 | 50.9  | 258  | 0.0   | 0.25  | 1.0   |       |
| 256.5      | 262.5      | 264.9      | 0.0       | 0.125  | 1.0       | 38.5      | -11.9  | -49.8     | 51.3      | 256.5  | 0.397     | 0.0       | 1.0    | 35.8      | -6.1      | -50.5  | 51.0      | 263       | 0.0    | 0.125     | 1.0   | 0.0   | 0.142 | 1.0   | 35.7 | -4.3  | -50.0 | 50.3  | 265  | 0.0   | 0.125 | 1.0   |       |
| 255.8      | 270.0      | 271.7      | 0.0       | 0.0    | 1.0       | 37.4      | -12.2  | -48.6     | 50.3      | 255.8  | 0.476     | 0.0       | 1.0    | 35.3      | 0.0       | -48.6  | 48.7      | 270       | 0.0    | 0.0       | 1.0   | 0.0   | 0.499 | 0.0   | 1.0  | 35.2  | 1.7   | -47.9 | 48.0 | 272   | 0.0   | 0.0   | 1.0   |
| 256.8      | 277.5      | 278.8      | 0.125     | 0.0    | 1.0       | 37.9      | -11.6  | -49.8     | 51.2      | 256.8  | 0.537     | 0.0       | 1.0    | 35.5      | 6.6       | -46.6  | 47.1      | 270       | 0.0    | 0.125     | 0.0   | 0.0   | 0.543 | 0.0   | 1.0  | 35.6  | 7.3   | -46.3 | 47.0 | 279   | 0.125 | 0.0   | 1.0   |
| 258.5      | 285.0      | 286.0      | 0.25      | 0.0    | 1.0       | 37.7      | -10.0  | -49.7     | 50.8      | 258.5  | 0.58      | 0.0       | 1.0    | 35.9      | 11.9      | -44.5  | 46.2      | 285       | 0.0    | 0.25      | 0.0   | 0.0   | 0.586 | 0.0   | 1.0  | 36.0  | 12.7  | -44.0 | 45.9 | 286   | 0.25  | 0.0   | 1.0   |
| 261.0      | 292.5      | 293.1      | 0.375     | 0.0    | 1.0       | 36.0      | -8.0   | -50.9     | 51.7      | 261.0  | 0.63      | 0.0       | 1.0    | 36.5      | 17.6      | -41.1  | 45.1      | 293       | 0.0    | 0.375     | 0.0   | 0.0   | 0.63  | 0.0   | 1.0  | 36.5  | 17.6  | -41.4 | 45.1 | 293   | 0.375 | 0.0   | 1.0   |
| 272.1      | 300.0      | 300.2      | 0.5       | 0.0    | 1.0       | 35.2      | 1.8    | -47.9     | 48.0      | 272.1  | 0.668     | 0.0       | 1.0    | 37.3      | 23.3      | -40.0  | 46.2      | 300       | 0.0    | 0.5       | 0.0   | 0.0   | 0.668 | 0.0   | 1.0  | 37.3  | 23.1  | -40.0 | 46.2 | 300   | 0.5   | 0.0   | 1.0   |
| 292.2      | 307.5      | 307.3      | 0.625     | 0.0    | 1.0       | 36.4      | 17.0   | -41.6     | 45.0      | 292.2  | 0.712     | 0.0       | 1.0    | 38.3      | 29.5      | -37.4  | 45.5      | 308       | 0.625  | 0.0       | 1.0   | 0.0   | 0.707 | 0.0   | 1.0  | 38.2  | 28.5  | -37.7 | 47.4 | 307   | 0.625 | 0.0   | 1.0   |
| 314.9      | 315.0      | 314.4      | 0.75      | 0.0    | 1.0       | 39.1      | 34.3   | -34.4     | 48.6      | 314.9  | 0.751     | 0.0       | 1.0    | 34.4      | 34.4      | -34.4  | 48.7      | 315       | 0.75   | 0.0       | 1.0   | 0.0   | 0.745 | 0.0   | 1.0  | 39.0  | 33.5  | -34.8 | 48.5 | 314   | 0.75  | 0.0   | 1.0   |
| 333.5      | 322.5      | 321.5      | 0.875     | 0.0    | 1.0       | 42.7      | 50.1   | -24.9     | 56.0      | 333.5  | 0.804     | 0.0       | 1.0    | 40.7      | 41.5      | -31.1  | 51.8      | 323       | 0.875  | 0.0       | 1.0   | 0.0   | 0.791 | 0.0   | 1.0  | 40.3  |       |       |      |       |       |       |       |