

Siehe ähnliche Dateien: <http://farbe.li.tu-berlin.de/DGU2/DGU2.HTM>  
Technische Information: <http://farbe.li.tu-berlin.de> oder <http://color.li.tu-berlin.de>

| Code    | X      | Y     | Z      | x     | y     | A     | B      | C <sub>AB</sub> | a     | b      | <i>h</i> <sub>AB</sub> | <i>i</i> <sub>d</sub> | λ <sub>d</sub> | <i>i</i> <sub>c</sub> | λ <sub>c</sub> |
|---------|--------|-------|--------|-------|-------|-------|--------|-----------------|-------|--------|------------------------|-----------------------|----------------|-----------------------|----------------|
| P60     | 97.06  | 99.99 | 104.57 | 0.321 | 0.331 | 0.0   | 0.0    | 0.0             | 0.97  | -0.418 | 0                      |                       |                |                       |                |
| 520_770 | 79.45  | 85.97 | 1.6    | 0.475 | 0.514 | -9.95 | 88.3   | 88.86           | 0.924 | -0.007 | 96                     | 40                    | 575            | 19                    | 474            |
| 380_520 | 17.61  | 14.02 | 102.97 | 0.13  | 0.104 | 9.94  | -88.29 | 88.85           | 1.254 | -2.936 | 276                    | 19                    | 474            | 40                    | 575            |
| P55     | 97.45  | 100.0 | 95.98  | 0.332 | 0.34  | 0.0   | 0.0    | 0.0             | 0.974 | -0.383 | 0                      |                       |                |                       |                |
| 520_770 | 81.38  | 86.62 | 1.57   | 0.479 | 0.51  | -7.57 | 81.57  | 81.92           | 0.939 | -0.007 | 95                     | 40                    | 575            | 19                    | 474            |
| 380_520 | 16.07  | 13.37 | 94.41  | 0.129 | 0.107 | 7.56  | -81.57 | 81.92           | 1.2   | -2.823 | 275                    | 19                    | 474            | 40                    | 575            |
| P50     | 98.12  | 100.0 | 86.5   | 0.344 | 0.351 | 0.0   | 0.0    | 0.0             | 0.98  | -0.346 | 0                      |                       |                |                       |                |
| 520_770 | 83.74  | 87.38 | 1.53   | 0.484 | 0.506 | -4.99 | 74.05  | 74.22           | 0.958 | -0.007 | 93                     | 40                    | 576            | 20                    | 475            |
| 380_520 | 14.38  | 12.61 | 84.96  | 0.128 | 0.112 | 4.99  | -74.05 | 74.22           | 1.139 | -2.694 | 273                    | 20                    | 475            | 40                    | 576            |
| P45     | 99.2   | 100.0 | 76.07  | 0.36  | 0.363 | 0.0   | 0.0    | 0.0             | 0.991 | -0.304 | 0                      |                       |                |                       |                |
| 520_770 | 86.66  | 88.27 | 1.48   | 0.491 | 0.5   | -2.25 | 65.66  | 65.7            | 0.981 | -0.006 | 91                     | 40                    | 577            | 20                    | 476            |
| 380_520 | 12.53  | 11.72 | 74.58  | 0.126 | 0.118 | 2.25  | -65.66 | 65.7            | 1.068 | -2.544 | 271                    | 20                    | 476            | 40                    | 577            |
| P40     | 100.93 | 100.0 | 64.68  | 0.379 | 0.376 | 0.0   | 0.0    | 0.0             | 1.009 | -0.258 | 0                      |                       |                |                       |                |
| 520_770 | 90.38  | 89.32 | 1.42   | 0.498 | 0.493 | 0.58  | 56.35  | 56.35           | 1.011 | -0.006 | 89                     | 40                    | 578            | 20                    | 477            |
| 380_520 | 10.54  | 10.67 | 63.26  | 0.124 | 0.126 | -0.58 | -56.35 | 56.35           | 0.986 | -2.37  | 269                    | 20                    | 477            | 40                    | 578            |
| P35     | 103.66 | 99.99 | 52.43  | 0.404 | 0.39  | 0.0   | 0.0    | 0.0             | 1.036 | -0.209 | 0                      |                       |                |                       |                |
| 520_770 | 95.23  | 90.55 | 1.35   | 0.508 | 0.483 | 3.4   | 46.13  | 46.25           | 1.051 | -0.005 | 85                     | 40                    | 579            | 20                    | 478            |
| 380_520 | 8.43   | 9.44  | 51.08  | 0.122 | 0.136 | -3.4  | -46.13 | 46.25           | 0.892 | -2.164 | 265                    | 20                    | 478            | 40                    | 579            |
| P30     | 108.04 | 100.0 | 39.55  | 0.436 | 0.403 | 0.0   | 0.0    | 0.0             | 1.08  | -0.158 | 0                      |                       |                |                       |                |
| 520_770 | 101.79 | 92.02 | 1.24   | 0.521 | 0.471 | 5.92  | 35.15  | 35.64           | 1.105 | -0.005 | 80                     | 41                    | 581            | 20                    | 479            |
| 380_520 | 6.25   | 7.97  | 38.3   | 0.118 | 0.151 | -5.92 | -35.15 | 35.64           | 0.783 | -1.92  | 260                    | 20                    | 479            | 41                    | 581            |
| P25     | 115.18 | 100.0 | 26.59  | 0.476 | 0.413 | 0.0   | 0.0    | 0.0             | 1.151 | -0.106 | 0                      |                       |                |                       |                |
| 520_770 | 111.05 | 93.74 | 1.1    | 0.539 | 0.455 | 7.68  | 23.83  | 25.03           | 1.184 | -0.004 | 72                     | 41                    | 584            | 21                    | 481            |
| 380_520 | 4.13   | 6.25  | 25.49  | 0.115 | 0.174 | -7.68 | -23.83 | 25.03           | 0.66  | -1.63  | 252                    | 21                    | 481            | 41                    | 584            |

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| Code    | X      | Y     | Z      | x     | y     | A      | B      | C <sub>AB</sub> | a     | b      | <i>h</i> <sub>AB</sub> | <i>i</i> <sub>d</sub> | λ <sub>d</sub> | <i>i</i> <sub>c</sub> | λ <sub>c</sub> |
|---------|--------|-------|--------|-------|-------|--------|--------|-----------------|-------|--------|------------------------|-----------------------|----------------|-----------------------|----------------|
| P60     | 97.06  | 99.99 | 104.57 | 0.321 | 0.331 | 0.0    | 0.0    | 0.0             | 0.97  | -0.418 | 0                      |                       |                |                       |                |
| 475_575 | 20.55  | 60.02 | 24.55  | 0.195 | 0.57  | -94.24 | 38.21  | 101.7           | 0.342 | -0.163 | 157                    | 28                    | 517            | -1                    | 517c           |
| 575_475 | 76.51  | 39.97 | 80.02  | 0.389 | 0.203 | 94.21  | -38.21 | 101.67          | 1.913 | -0.8   | 337                    | -1                    | 517c           | 28                    | 517            |
| P55     | 97.45  | 100.0 | 95.98  | 0.332 | 0.34  | 0.0    | 0.0    | 0.0             | 0.974 | -0.383 | 0                      |                       |                |                       |                |
| 475_575 | 20.37  | 59.11 | 23.26  | 0.198 | 0.575 | -93.06 | 33.47  | 98.9            | 0.344 | -0.157 | 160                    | 28                    | 517            | -1                    | 517c           |
| 575_475 | 77.08  | 40.88 | 72.72  | 0.404 | 0.214 | 93.04  | -33.47 | 98.88           | 1.884 | -0.711 | 340                    | -1                    | 517c           | 28                    | 517            |
| P50     | 98.12  | 100.0 | 86.5   | 0.344 | 0.351 | 0.0    | 0.0    | 0.0             | 0.98  | -0.346 | 0                      |                       |                |                       |                |
| 475_575 | 20.14  | 57.99 | 21.77  | 0.201 | 0.58  | -91.87 | 28.39  | 96.15           | 0.347 | -0.15  | 162                    | 28                    | 516            | -1                    | 516c           |
| 575_475 | 77.97  | 42.0  | 64.72  | 0.422 | 0.227 | 91.84  | -28.39 | 96.13           | 1.855 | -0.616 | 342                    | -1                    | 516c           | 28                    | 516            |
| P45     | 99.2   | 100.0 | 76.07  | 0.36  | 0.363 | 0.0    | 0.0    | 0.0             | 0.991 | -0.304 | 0                      |                       |                |                       |                |
| 475_575 | 19.85  | 56.58 | 20.04  | 0.205 | 0.586 | -90.67 | 23.0   | 93.54           | 0.35  | -0.141 | 165                    | 28                    | 515            | -1                    | 515c           |
| 575_475 | 79.34  | 43.41 | 56.02  | 0.443 | 0.242 | 90.65  | -23.0  | 93.52           | 1.827 | -0.516 | 345                    | -1                    | 515c           | 28                    | 515            |
| P40     | 100.93 | 100.0 | 64.68  | 0.379 | 0.376 | 0.0    | 0.0    | 0.0             | 1.009 | -0.258 | 0                      |                       |                |                       |                |
| 475_575 | 19.46  | 54.77 | 18.03  | 0.21  | 0.593 | -89.51 | 17.4   | 91.19           | 0.355 | -0.131 | 168                    | 28                    | 515            | -1                    | 515c           |
| 575_475 | 81.46  | 45.22 | 46.65  | 0.469 | 0.26  | 89.49  | -17.4  | 91.17           | 1.8   | -0.412 | 348                    | -1                    | 515c           | 28                    | 515            |
| P35     | 103.66 | 99.99 | 52.43  | 0.404 | 0.39  | 0.0    | 0.0    | 0.0             | 1.036 | -0.209 | 0                      |                       |                |                       |                |
| 475_575 | 18.93  | 52.39 | 15.67  | 0.217 | 0.602 | -88.41 | 11.79  | 89.19           | 0.361 | -0.119 | 172                    | 27                    | 514            | -1                    | 514c           |
| 575_475 | 84.72  | 47.6  | 36.75  | 0.501 | 0.281 | 88.39  | -11.79 | 89.17           | 1.779 | -0.308 | 352                    | -1                    | 514c           | 27                    | 514            |
| P30     | 108.04 | 100.0 | 39.55  | 0.436 | 0.403 | 0.0    | 0.0    | 0.0             | 1.08  | -0.158 | 0                      |                       |                |                       |                |
| 475_575 | 18.17  | 49.15 | 12.94  | 0.226 | 0.612 | -87.29 | 6.49   | 87.53           | 0.369 | -0.105 | 175                    | 27                    | 514            | -1                    | 514c           |
| 575_475 | 89.86  | 50.84 | 26.6   | 0.537 | 0.303 | 87.28  | -6.49  | 87.52           | 1.766 | -0.209 | 355                    | -1                    | 514c           | 27                    | 514            |
| P25     | 115.18 | 100.0 | 26.59  | 0.476 | 0.413 | 0.0    | 0.0    | 0.0             | 1.151 | -0.106 | 0                      |                       |                |                       |                |
| 475_575 | 17.02  | 44.58 | 9.8    | 0.238 | 0.624 | -85.8  | 2.05   | 85.82           | 0.381 | -0.087 | 178                    | 27                    | 514            | -1                    | 514c           |
| 575_475 | 98.15  | 55.41 | 16.79  | 0.576 | 0.325 | 85.78  | -2.05  | 85.81           | 1.77  | -0.121 | 358                    | -1                    | 514c           | 27                    | 514            |

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| Code    | X      | Y     | Z      | x     | y     | A <sub>1</sub> | B <sub>1</sub> | C <sub>AB1</sub> | a <sub>1</sub> | b <sub>1</sub> | <i>h</i> <sub>AB1</sub> | <i>i</i> <sub>d</sub> | λ <sub>d</sub> | <i>i</i> <sub>c</sub> | λ <sub>c</sub> |
|---------|--------|-------|--------|-------|-------|----------------|----------------|------------------|----------------|----------------|-------------------------|-----------------------|----------------|-----------------------|----------------|
| P60     | 97.06  | 99.99 | 104.57 | 0.321 | 0.331 | 0.0            | 0.0            | 0.0              | 0.454          | -0.418         | 0                       |                       |                |                       |                |
| 520_770 | 79.45  | 85.97 | 1.6    | 0.475 | 0.514 | 29.47          | 88.3           | 93.09            | 0.591          | -0.007         | 71                      | 40                    | 575            | 19                    | 474            |
| 380_520 | 17.61  | 14.02 | 102.97 | 0.13  | 0.104 | -29.45         | -88.29         | 93.08            | -0.385         | -2.936         | 251                     | 19                    | 474            | 40                    | 575            |
| P55     | 97.45  | 100.0 | 95.98  | 0.332 | 0.34  | 0.0            | 0.0            | 0.0              | 0.472          | -0.383         | 0                       |                       |                |                       |                |
| 520_770 | 81.38  | 86.62 | 1.57   | 0.479 | 0.51  | 28.58          | 81.57          | 86.43            | 0.604          | -0.007         | 70                      | 40                    | 575            | 19                    | 474            |
| 380_520 | 16.07  | 13.37 | 94.41  | 0.129 | 0.107 | -28.56         | -81.57         | 86.43            | -0.381         | -2.823         | 250                     | 19                    | 474            | 40                    | 575            |
| P50     | 98.12  | 100.0 | 86.5   | 0.344 | 0.351 | 0.0            | 0.0            | 0.0              | 0.494          | -0.346         | 0                       |                       |                |                       |                |
| 520_770 | 83.74  | 87.38 | 1.53   | 0.484 | 0.506 | 27.5           | 74.05          | 78.99            | 0.62           | -0.007         | 69                      | 40                    | 576            | 20                    | 475            |
| 380_520 | 14.38  | 12.61 | 84.96  | 0.128 | 0.112 | -27.48         | -74.05         | 78.99            | -0.377         | -2.694         | 249                     | 20                    | 475            | 40                    | 576            |
| P45     | 99.2   | 100.0 | 76.07  | 0.36  | 0.363 | 0.0            | 0.0            | 0.0              | 0.521          | -0.304         | 0                       |                       |                |                       |                |
| 520_770 | 86.66  | 88.27 | 1.48   | 0.491 | 0.5   | 26.19          | 65.66          | 70.69            | 0.639          | -0.006         | 68                      | 40                    | 577            | 20                    | 476            |
| 380_520 | 12.53  | 11.72 | 74.58  | 0.126 | 0.118 | -26.17         | -65.66         | 70.69            | -0.371         | -2.544         | 248                     | 20                    | 476            | 40                    | 577            |
| P40     | 100.93 | 100.0 | 64.68  | 0.379 | 0.376 | 0.0            | 0.0            | 0.0              | 0.554          | -0.258         | 0                       |                       |                |                       |                |
| 520_770 | 90.38  | 89.32 | 1.42   | 0.498 | 0.493 | 24.57          | 56.35          | 61.47            | 0.664          | -0.006         | 66                      | 40                    | 578            | 20                    | 477            |
| 380_520 | 10.54  | 10.67 | 63.26  | 0.124 | 0.126 | -24.55         | -56.35         | 61.47            | -0.365         | -2.37          | 246                     | 20                    | 477            | 40                    | 578            |
| P35     | 103.66 | 99.99 | 52.43  | 0.404 | 0.39  | 0.0            | 0.0            | 0.0              | 0.598          | -0.209         | 0                       |                       |                |                       |                |
| 520_770 | 95.23  | 90.55 | 1.35   | 0.508 | 0.483 | 22.53          | 46.13          | 51.34            | 0.698          | -0.005         | 63                      | 40                    | 579            | 20                    | 478            |
| 380_520 | 8.43   | 9.44  | 51.08  | 0.122 | 0.136 | -22.52         | -46.13         | 51.33            | -0.355         | -2.164         | 243                     | 20                    | 478            | 40                    | 579            |
| P30     | 108.04 | 100.0 | 39.55  | 0.436 | 0.403 | 0.0            | 0.0            | 0.0              | 0.656          | -0.158         | 0                       |                       |                |                       |                |
| 520_770 | 101.79 | 92.02 | 1.24   | 0.521 | 0.471 | 19.93          | 35.15          | 40.4             | 0.743          | -0.005         | 60                      | 41                    | 581            | 20                    | 479            |
| 380_520 | 6.25   | 7.97  | 38.3   | 0.118 | 0.151 | -19.92         | -35.15         | 40.4             | -0.342         | -1.92          | 240                     | 20                    | 479            | 41                    | 581            |
| P25     | 115.18 | 100.0 | 26.59  | 0.476 | 0.413 | 0.0            | 0.0            | 0.0              | 0.738          | -0.106         | 0                       |                       |                |                       |                |
| 520_770 | 111.05 | 93.74 | 1.1    | 0.539 | 0.455 | 16.55          | 23.83          | 29.01            | 0.808          | -0.004         | 55                      | 41                    | 584            | 21                    | 481            |
| 380_520 | 4.13   | 6.25  | 25.49  | 0.115 | 0.174 | -16.54         | -23.83         | 29.01            | -0.319         | -1.63          | 235                     | 21                    | 481            | 41                    | 584            |

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| <i>Code</i> | <i>X</i> | <i>Y</i> | <i>Z</i> | <i>x</i> | <i>y</i> | <i>A</i> <sub>1</sub> | <i>B</i> <sub>1</sub> | <i>C</i> <sub>AB1</sub> | <i>a</i> <sub>1</sub> | <i>b</i> <sub>1</sub> | <i>h</i> <sub>AB1</sub> | <i>i</i> <sub>d</sub> | λ <sub>d</sub> | <i>i</i> <sub>c</sub> | λ <sub>c</sub> |
|-------------|----------|----------|----------|----------|----------|-----------------------|-----------------------|-------------------------|-----------------------|-----------------------|-------------------------|-----------------------|----------------|-----------------------|----------------|
| P60         | 97.06    | 99.99    | 104.57   | 0.321    | 0.331    | 0.0                   | 0.0                   | 0.0                     | 0.454                 | -0.418                | 0                       |                       |                |                       |                |
| 475_575     | 20.55    | 60.02    | 24.55    | 0.195    | 0.57     | -61.8                 | 38.21                 | 72.66                   | 0.042                 | -0.163                | 148                     | 28                    | 517            | -1                    | 517c           |
| 575_475     | 76.51    | 39.97    | 80.02    | 0.389    | 0.203    | 61.78                 | -38.21                | 72.64                   | 1.072                 | -0.8                  | 328                     | -1                    | 517c           | 28                    | 517            |
| P55         | 97.45    | 100.0    | 95.98    | 0.332    | 0.34     | 0.0                   | 0.0                   | 0.0                     | 0.472                 | -0.383                | 0                       |                       |                |                       |                |
| 475_575     | 20.37    | 59.11    | 23.26    | 0.198    | 0.575    | -62.85                | 33.47                 | 71.21                   | 0.047                 | -0.157                | 151                     | 28                    | 517            | -1                    | 517c           |
| 575_475     | 77.08    | 40.88    | 72.72    | 0.404    | 0.214    | 62.83                 | -33.47                | 71.19                   | 1.087                 | -0.711                | 331                     | -1                    | 517c           | 28                    | 517            |
| P50         | 98.12    | 100.0    | 86.5     | 0.344    | 0.351    | 0.0                   | 0.0                   | 0.0                     | 0.494                 | -0.346                | 0                       |                       |                |                       |                |
| 475_575     | 20.14    | 57.99    | 21.77    | 0.201    | 0.58     | -64.02                | 28.39                 | 70.04                   | 0.052                 | -0.15                 | 156                     | 28                    | 516            | -1                    | 516c           |
| 575_475     | 77.97    | 42.0     | 64.72    | 0.422    | 0.227    | 64.01                 | -28.39                | 70.02                   | 1.103                 | -0.616                | 336                     | -1                    | 516c           | 28                    | 516            |
| P45         | 99.2     | 100.0    | 76.07    | 0.36     | 0.363    | 0.0                   | 0.0                   | 0.0                     | 0.521                 | -0.304                | 0                       |                       |                |                       |                |
| 475_575     | 19.85    | 56.58    | 20.04    | 0.205    | 0.586    | -65.34                | 23.0                  | 69.27                   | 0.059                 | -0.141                | 160                     | 28                    | 515            | -1                    | 515c           |
| 575_475     | 79.34    | 43.41    | 56.02    | 0.443    | 0.242    | 65.32                 | -23.0                 | 69.25                   | 1.123                 | -0.516                | 340                     | -1                    | 515c           | 28                    | 515            |
| P40         | 100.93   | 100.0    | 64.68    | 0.379    | 0.376    | 0.0                   | 0.0                   | 0.0                     | 0.554                 | -0.258                | 0                       |                       |                |                       |                |
| 475_575     | 19.46    | 54.77    | 18.03    | 0.21     | 0.593    | -66.77                | 17.4                  | 69.0                    | 0.067                 | -0.131                | 165                     | 28                    | 515            | -1                    | 515c           |
| 575_475     | 81.46    | 45.22    | 46.65    | 0.469    | 0.26     | 66.76                 | -17.4                 | 68.99                   | 1.145                 | -0.412                | 345                     | -1                    | 515c           | 28                    | 515            |
| P35         | 103.66   | 99.99    | 52.43    | 0.404    | 0.39     | 0.0                   | 0.0                   | 0.0                     | 0.598                 | -0.209                | 0                       |                       |                |                       |                |
| 475_575     | 18.93    | 52.39    | 15.67    | 0.217    | 0.602    | -68.25                | 11.79                 | 69.26                   | 0.077                 | -0.119                | 170                     | 27                    | 514            | -1                    | 514c           |
| 575_475     | 84.72    | 47.6     | 36.75    | 0.501    | 0.281    | 68.24                 | -11.79                | 69.25                   | 1.171                 | -0.308                | 350                     | -1                    | 514c           | 27                    | 514            |
| P30         | 108.04   | 100.0    | 39.55    | 0.436    | 0.403    | 0.0                   | 0.0                   | 0.0                     | 0.656                 | -0.158                | 0                       |                       |                |                       |                |
| 475_575     | 18.17    | 49.15    | 12.94    | 0.226    | 0.612    | -69.59                | 6.49                  | 69.89                   | 0.09                  | -0.105                | 174                     | 27                    | 514            | -1                    | 514c           |
| 575_475     | 89.86    | 50.84    | 26.6     | 0.537    | 0.303    | 69.58                 | -6.49                 | 69.88                   | 1.204                 | -0.209                | 354                     | -1                    | 514c           | 27                    | 514            |
| P25         | 115.18   | 100.0    | 26.59    | 0.476    | 0.413    | 0.0                   | 0.0                   | 0.0                     | 0.738                 | -0.106                | 0                       |                       |                |                       |                |
| 475_575     | 17.02    | 44.58    | 9.8      | 0.238    | 0.624    | -70.25                | 2.05                  | 70.28                   | 0.107                 | -0.087                | 178                     | 27                    | 514            | -1                    | 514c           |
| 575_475     | 98.15    | 55.41    | 16.79    | 0.576    | 0.325    | 70.24                 | -2.05                 | 70.27                   | 1.245                 | -0.121                | 358                     | -1                    | 514c           | 27                    | 514            |