http://farbe.li.tu-berlin.de/ggk7/ggk7l0n1.txt /.ps; nur Vektorgrafik VG; Start-Ausgabe
Siehe separate Bilder dieser Seite: http://farbe.li.tu-berlin.de/ggk7/ggk7.htm

Siehe ähnliche Dateien der ganzen Serie: http://farbe.li.tu-berlin.de/ggks.htm
Technische Information: http://farbe.li.tu-berlin.de oder http://color.li.tu-berlin.de

TUB-Registrierung: 20240201-ggk7/ggk7l0n1.txt /.ps
Anwendung für Beurteilung und Messung von Display- oder Druck-Ausgabe

CIE-Daten, zum Beispiel rgb_{sRGB}, XYZ_{ty}, $LabCh^*$, $YABCh$ und λ_d, λ_c für alle Gerätefarben von maximalem (m) Buntwert für D65 und Y_w

rgb_i	$[X, Y, Z, x, y]_{100}$	$[L^*, a^*, b^*, C_{ab}^*, h_{ab}^\circ, u^*, v^*]_{d^*100}$	$[Y, A, B, C_{ab}^*, h_{AB}^\circ, a, b, c, h_{ab}]_{100}$	$[L_{ab}^*, a_{ab}^*, c_{ab}^*, h_{ab}^\circ, \lambda_d, \lambda_c]_{100}$	$[X_y, Y_y, Z_y]_{100}$	$[X_r, Y_r, Z_r]_{100}$	$[L^*, a^*, b^*, C_{ab}^*, h_{ab}^\circ]_{100}$	$[Y, A, B, C_{ab}^*, h_{AB}^\circ]_{100}$
1.000 0.000 0.000 (R)	41.2 21.3 1.9 0.64 0.33	53.2 88.1 67.2 104.6 40.0 2273 -0.993 0.135	24.1 21.0 8.5 22.7 22.0	194 -0.035 1.067	41 24 2	96.5 18.8 1.7	50.5 76.9 64.9 100.4 40.0	18.8 18.6 7.5 20.1 22.0
1.000 0.125 0.000 (R)	41.8 23.3 2.1 0.631 0.337	54.3 77.0 67.6 102.4 41.3 027	-0.094 0.132	22.3 20.6 8.9 22.4 23.3 1873 -0.037 1.005	40 603 17	486 17.0 0.7	51.5 73.9 64.9 98.4 41.3	19.7 18.2 7.9 19.8 23.3
1.000 0.250 0.000 (G)	43.1 24.9 2.5 0.611 0.365	55.9 69.5 68.7 97.7 44.7 262	-0.189 0.257	24.9 19.4 9.8 21.7 26.9 1729	-0.04 0.873	39 598 17	485 38.1 22.1 2.2	54.1 66.7 66.0 93.8 44.7 22.1
1.000 0.375 0.000 (R)	45.4 29.4 3.0 0.583 0.390	59.5 54.9 70.8 92.7 52.3 579	-0.284 0.383	29.6 17.4 10.8 20.4 33.7 1586	-0.08 0.741	39 683 17	483 58.2 29.5 5.5 68.0 87.7	26.2 16.5 10.2 18.4 33.7
1.000 0.500 0.000 (G)	48.9 38.6 4.5 0.544 0.407	67.0 43.1 74.0 85.6 59.8 241	-0.383 0.516	36.6 14.1 14.1 20.0 45.0 1337	-0.048 0.547	37 585 16	482 43.3 32.4 4.0	38.7 41.4 71.0 82.2 59.8 32.4
1.000 0.625 0.000 (G)	53.7 46.2 6.1 0.507 0.436	73.7 26.9 78.1 82.6 71.0 021	-0.483 0.651	46.3 12.1 16.3 20.1 63.6 1163	-0.052 0.438	35 579 47	479 47.6 40.9 5.4	70.1 25.8 75.0 79.4 71.0 40.9 8.7
1.000 0.750 0.000 (G)	59.9 58.6 8.2 0.473 0.465	81.1 10.1 83.1 83.7 83.0 021	-0.108 0.186	58.6 4.2 17.7 20.2 92.1 1102	-0.0550.388	34 574 47	476 53.1 51.9 7.2 77.2	9.9 79.8 80.4 83.0 51.9 3.7 19.7 20.1 79.3
1.000 0.875 0.000 (Y)	71.7 71.0 9.7 0.444 0.486	89.0 -5.9 88.8 88.9 94.9 021	-0.213 -0.108 0.000	71.0 -2.7 28.0 28.1 120.4 913	-0.0570.38	33 569 13	469 59.6 9.5 84.6 -5.7 85.1	85.3 93.9 85.6 -2.4 24.8 24.9 95.6
1.000 1.000 0.000 (W)	77.0 92.8 13.9 0.419 0.505	97.1 -21.4 94.5 96.9 102.8 206	-0.11 0.105 92.8	-11.1 34.9 36.6 107.8 083	-0.0590.395	33 565 11	459 68.2 82.2 12.3 92.7	-20.6 90.7 93.1 102.8 82.2 -9.8 30.9 32.4 107.8
0.875 1.000 0.000 (Y)	66.2 87.2 13.3 0.397 0.523	94.8 -34.3 91.7 98.0 110.6 02	-0.111 0.105 87.2	-16.6 32.7 36.7 117.0 0.759	-0.06 0.42	32 561 2	453 58.7 77.3 11.8 90.4	-33.0 88.1 94.1 110.6 77.3 -14.7 28.9 32.5 117.0
0.750 1.000 0.000 (G)	57.3 82.6 12.9 0.375 0.541	92.9 -46.7 89.4 100.9 117.6 194	-0.112 0.105 82.6	-21.1 30.8 37.4 124.6 0.694	-0.062 0.453	31 557 -	447 50.8 73.2 11.5 88.5	-44.8 85.8 96.9 117.6 73.2 -18.7 27.3 33.1 124.6
0.625 1.000 0.000 (G)	51.1 78.3 12.3 0.353 0.558	91.2 -57.9 87.4 104.7 123.6 188	-0.112 0.105 78.3	-25.2 29.3 38.2 130.9 0.629	-0.0650.468	31 554 -	444 44.4 69.2 10.8 87.3	-55.7 83.9 103.5 123.6 69.2 -23.3 26.4 38.1 130.9
0.500 1.000 0.000 (G)	44.6 76.1 12.3 0.335 0.572	89.9 -67.8 85.8 109.4 128.4 183	-0.113 0.107 76.1	-27.6 28.2 39.5 134.5 0.586	-0.0640.52	30 550 -	350 39.5 67.4 10.9 85.7	-65.1 82.4 105.1 128.4 67.4 -24.4 25.0 35.0 134.5
0.375 1.000 0.000 (G)	40.5 74.0 12.1 0.32 0.584	88.9 -75.7 84.6 113.6 131.9 179	-0.114 0.108 74.0	-29.7 27.4 40.4 137.4 0.548	-0.0650.547	29 547 -	347c 35.9 65.5 10.8 84.8	-72.7 81.3 109.1 131.9 65.5 -26.3 24.2 35.8 137.4
0.250 1.000 0.000 (G)	37.9 72.1 12.0 0.306 0.593	87.9 -82.6 83.8 116.9 134.2 178	-0.114 0.108 72.1	-31.0 26.6 41.5 139.3 0.521	-0.0660.56	29 547 -	345c 33.5 64.3 10.6 84.1	-78.2 80.6 112.3 134.2 64.3 -27.5 23.8 36.4 139.3
0.125 1.000 0.000 (G)	36.4 71.8 11.9 0.303 0.598	87.9 -84.7 83.4 118.9 135.5 177	-0.114 0.109 71.8	-31.8 26.5 41.5 140.3 0.506	-0.0660.578	28 544 -	544c 32.2 63.6 10.6 83.8	-81.4 80.1 114.2 135.5 63.6 -28.2 23.5 36.7 140.3
0.000 1.000 0.000 16	35.8 71.5 11.9 0.3 0.6	87.7 -86.1 83.2 119.8 136.0 174	-0.114 0.109 71.5	-32.1 26.4 41.6 140.7 0.5	-0.0660.582	28 544 -	544c 31.7 63.4 10.6 83.6	-82.7 79.9 115.0 136.0 63.4 -28.4 23.4 36.9 140.7
0.000 1.000 0.125 17	36.0 71.6 13.3 0.298 0.592	87.8 -85.4 79.7 116.9 137.0 174	-0.118 0.105 71.6	-32.0 25.9 41.2 141.1 0.503	-0.0730.575	28 543 -1	543c 31.9 63.5 11.8 83.7	-82.0 76.6 112.3 137.0 63.5 -28.3 22.9 36.5 141.1
0.000 1.000 0.250 18	36.7 71.9 16.8 0.293 0.574	87.9 -83.8 72.0 110.5 139.4 175	-0.128 0.096 71.9	-31.5 24.6 40.1 142.1 0.51	-0.0920.558	28 542 -1	542c 32.5 63.7 14.8 83.8	-80.5 69.1 106.2 139.4 63.7 -27.9 21.8 35.5 142.1
0.000 1.000 0.375 19	37.9 72.4 22.9 0.289 0.553	88.0 -69.5 60.1 91.1 142.7 176	-0.152 0.085 72.4	-29.7 22.4 37.5 143.7 0.523	-0.1260.527	28 541 -1	541c 35.5 64.5 20.3 84.6	-67.7 58.1 97.1 143.2 64.5 -27.3 19.8 33.8 144.2
0.000 1.000 0.500 20	39.6 73.1 32.3 0.273 0.504	88.5 -76.7 46.8 89.9 148.6 179	-0.158 0.068 73.1	-29.7 18.9 35.3 147.6 0.542	-0.1760.483	26 532 -1	532c 35.1 64.7 28.6 84.3	-73.7 44.9 86.4 148.6 64.7 -26.3 16.8 31.3 147.6
0.000 1.000 0.625 21	42.1 74.0 45.0 0.261 0.459	88.9 -71.2 31.9 78.1 155.9 181	-0.176 0.052 74.0	-28.2 14.2 31.7 153.3 0.568	-0.2420.428	24 520 -1	520c 37.3 65.6 39.9 84.8	-68.4 30.6 75.0 155.9 65.6 -25.0 12.6 28.1 153.3
0.000 1.000 0.750 22	45.2 75.3 61.6 0.248 0.414	89.5 -64.5 16.5 66.7 165.6 185	-0.195 0.038 75.3	-26.3 8.2 27.6 162.8 0.6	-0.3260.367	20 503 -1	503c 40.0 66.7 54.6 85.4	-62.0 15.9 64.1 165.6 66.7 -23.3 7.2 24.5 162.8
0.000 1.000 0.875 23	49.1 76.9 82.1 0.236 0.369	90.3 -56.7 1.1 56.8 178.9 189	-0.213 0.029 76.9	-23.8 0.6 24.0 178.5 0.639	-0.4270.312	18 492 -1	492c 43.5 68.1 72.8 86.0	-54.5 1.1 54.6 178.9 68.1 -21.1 0.5 21.2 178.5
0.000 1.000 1.000 24	53.8 78.7 107.0 0.225 0.329	91.1 -48.0 -14.0 50.1 196.4 193	-0.231 0.03 78.7	-20.9 -8.4 22.7 202.0 0.683	-0.5420.288	17 486 41	606 47.7 69.8 94.8 86.9	-46.1 -13.5 48.1 196.4 69.8 -18.5 -7.4 20.1 202.0
0.000 0.875 1.000 25	44.5 60.1 103.9 0.213 0.288	81.9 -33.6 -28.0 43.9 219.9 198	-0.25 0.041 60.1	-12.5 -15.3 19.9 230.7 0.74	-0.6910.331	16 481 36	583 39.4 53.2 92.8 70.2	-38.0 -32.3 -26.9 42.2 219.9 53.2 -11.1 -13.5 17.6 230.7
0.000 0.750 1.000 26	36.7 44.6 101.3 0.201 0.244	72.6 -17.7 -42.6 46.0 247.3 205	-0.274 0.061 44.6	-5.5 -21.0 21.8 255.0 0.824	-0.9080.49	15 476 35	575 32.5 39.5 89.7 69.1	-17.0 -40.7 44.2 247.3 39.5 -4.9 -18.6 19.3 255.0
0.000 0.625 1.000 27	29.5 36.9 99.2 0.189 0.229	63.2 -19.9 -51.1 54.9 269.1 212	-0.304 0.09 36.9	-2.8 -24.6 24.6 269.1 0.9	-1.0 0.57	14 470 34	567 25.7 30.2 85.8 68.2	-19.9 -48.7 52.6 269.1 30.2 -2.8 -22.3 22.6 269.1
0.000 0.500 1.000 28	25.7 22.5 97.6 0.176 0.154	54.6 -19.1 -71.0 73.7 285.0 229	-0.34 0.127 22.5	4.3 -29.1 29.5 278.4 1.141	-1.7321.311	13 468 33	568 22.8 20.0 86.5 51.8	18.4 -68.2 70.8 285.0 20.0 3.8 -25.8 26.2 278.4
0.000 0.375 1.000 29	22.2 15.5 96.4 0.165 0.116	46.3 39.2 -84.5 93.3 294.9 247	-0.384 0.173 15.5	7.5 -31.7 32.7 283.2 1.431	-2.4852.106	12 464 33	567 19.9 13.7 85.4 43.9 37.7	-81.1 89.6 294.9 13.7 6.6 -28.1 28.9 283.2
0.000 0.250 1.000 30	19.6 12.1 96.5 0.157 0.109	43.9 58.2 -96.2 112.4 301.2 248	-0.402 0.202 10.9	9.5 -33.4 34.8 288.1 1.523	-2.7 2.61	11 460 33	566 17.5 12.6 84.7 42.7 32.7	-102.3 112.3 301.2 12.6 8.5 -30.9 32.3 288.1
0.000 0.125 1.000 31	18.6 8.2 95.2 0.152 0.068	34.5 72.5 -104.1126.9 304.8 287	-0.472 0.268 8.2	10.7 -34.4 36.1 287.3 2.251	-4.6184.381	12 460 33	565 16.4 7.3 84.4 32.5 69.6	-100.0121.9 304.8 7.3 9.5 -30.5 32.0 287.3
0.000 0.000 1.000 32	18.0 7.2 95.1 0.15 0.06	32.3 79.2 -107.8133.8 306.3 297	-0.493 0.291 7.2	11.2 -34.8 36.6 287.8 2.5	-5.2655.073	11 459 33	565 16.0 6.4 84.2 30.4 76.1	-103.5128.5 306.3 6.4 9.9 -30.8 32.4 287.8
0.125 0.000 1.000 33	18.6 7.5 95.1 0.154 0.062	33.0 79.4 -106.6133.0 306.7 296	-0.487 0.284 7.5	11.5 -34.7 36.6 288.3 2.477	-5.0534.864	11 458 33	565 16.5 6.7 84.2 30.1 76.3	-102.4127.8 306.7 6.7 10.2 -30.7 32.4 288.3
0.250 0.000 1.000 34	20.1 8.3 95.1 0.163 0.067	34.6 80.7 -104.8 80.0 -103.9 131.2 307.6 294	-0.471 0.269 8.3	12.3 -34.3 36.6 289.6 2.427	-4.5844.404	11 455 32	564 17.8 7.4 84.3 32.6 76.9	-99.7 126.0 307.6 7.4 10.9 -30.4 32.4 289.6
0.375 0.000 1.000 35	22.1 9.3 95.1 0.179 0.075	35.7 81.7 -98.2 -28.4 102.0 292.2 294	-0.447 0.253 9.3	13.1 -33.8 36.1 291.1 2.216	-2.0912.347	10 454 32	563 20.4 8.4 84.4 34.8 77.5	-92.3 109.2 81.5 292.2 8.4 11.9 -30.1 32.4 291.1
0.500 0.000 1.000 36	26.9 11.8 95.5 0.2 0.088	40.8 83.2 -93.3 125.1 317.7 287	-0.418 0.229 11.8	15.7 -33.0 36.6 295.4 2.283	-3.2433.109	6 434 32	562 23.8 10.4 84.6 38.6 79.9	-89.6 120.1 317.7 10.4 13.9 -29.2 32.4 295.4
0.625 0.000 1.000 37	32.4 14.6 95.7 0.227 0.102	45.1 85.9 -86.1 121.7 314.9 286	-0.391 0.19 14.6	18.5 -31.8 36.9 300.1 2.216	-2.6162.522	-1 560c 32	560 28 13.0 84.8 42.7 82.5	-82.7 116.9 314.9 13.0 16.4 -28.2 32.7 300.1
0.750 0.000 1.000 38	39.6 18.6 96.3 0.279 0.131	51.9 88.4 -78.1 118.8 303.6 283	-0.363 0.163 18.3	22.6 -30.6 37.1 304.3 2.16	-2.0912.693	-1 557c 32	557c 35.1 84.9 55.1 87.1	85.1 47.7 -75.1 112.9 303.6 84.9 20.1 -26.9 33.1 304.3
0.875 0.000 1.000 39	48.5 22.9 96.5 0.329 0.137	55.0 93.6 -69.6 116.7 323.3 281	-0.337 0.14 22.9	26.7 -28.5 39.1 311.3 2.116	-1.6821.708	-1 552c 30	552 43.0 20.3 85.5 52.2 89.9	-66.8 112.1 323.3 20.3 23.7 -25.2 34.7 311.3
1.000 0.000 1.000 40	59.3 28.5 97.0 0.321 0.154	60.3 98.3 -60.7 115.6 328.2 28	-0.314 0.119 28.5	32.2 -26.3 41.6 320.7 2.082	-1.3614.462	-1 544c 28	544 52.5 25.9 85.9 57.6 94.4	-58.3 111.0 328.2 25.2 28.5 -23.3 36.9 320.7
1.000 0.000 0.875 41	54.6 26.6 72.2 0.356 0.173	58.6 94.1 -45.7 104.6 334.1 278	-0.291 0.1 26.6	29.3 -17.2 34.0 329.5 2.052	-1.0841.279	-1 529c 25	529 48.3 23.6 63.9 55.6 90.3	-43.8 100.5 334.1 23.6 26.0 -15.2 30.1 329.5
1.000 0.000 0.750 42	50.7 25.0 51.6 0.398 0.197	57.1 90.3 -29.8 91.5 341.7 277	-0.266 0.081 25.0	26.9 -9.6 28.6 340.1 2.024	-0.8231.142	-1 506c 21	506 44.9 22.2 45.7 54.2 87.1	32.2 92.7 -28.6 91.4 341.7 22.2 23.8 -8.5 25.3 340.1	
1.000 0.000 0.625 43	47.5 23.8 35.1 0.447 0.224	55.8 87.1 -13.1 88.1 -33.1 134.1 0.276	-0.227 0.066 23.8	24.6 -3.9 25.3 0.6 1.999	-0.6 0.98	-1 461c 17	461c 41.1 21.1 34.7 52.1 82.7	12.6 84.8 33.4 21.1 22.1 -3.9 23.2 0.6	
1.000 0.000 0.500 44	45.1 22.8 22.3 0.5 0.253	54.9 84.5 4.3 84.6 2.9 47.5	-0.207 0.061 22.8	23.4 1.0 23.5 2.5 1.978	-0.39 1.028	-1 491c 18	491 40.0 20.2 19.7 52.1 81.2	4.2 81.3 2.9 20.2 20.8 0.9 20.8 2.5	
1.000 0.000 0.375 45	43.3 22.1 13.0 0.553 0.282	54.1 82.6 23.5 85.6 15.3 0.274	-0.174 0.072 22.1	22.3 4.4 22.8 11.2 1.961	-0.234 1.03	-1 488c 17	488 38.4 19.6 11.5 51.4 79.3	21.6 82.2 15.3 19.6 19.8 3.9 20.2 11.2	
1.000 0.000 0.250 46	42.6 21.6 8.6 0.607 0.324	53.8 82.1 -8.1 80.8 -6.0 98.7 0.274	-0.141 0.078 21.6	21.9 -2.4 22.1 19.7 1.929	-0.135 1.09	-1 487c 17	487 37.7 19.2 6.8 51.0 78.7	35.7 87.3 26.2 16.5 19.1 5.9 20.4 17.3	
1.000 0.000 0.125 47	41.5 21.4 3.3 0.627 0.323	53.3 80.4 57.2 98.7 35.4 273	-0.111 0.119 21.4	21.2 8.0 22.6 20.6 1.943	-0.061 1.06	-41 609 17	486 36.8 18.9 2.9 50.6 77.2	55.0 94.8 35.4 18.9 18.8 7.1 20.1 20.6	
0.000 0.000 0.000 48	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 1.045	-1 486c -1	609c 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0
0.125 0.125 0.125 49	1.4 1.4 1.6 0.313 0.329	12.2 0.0 0.0 0.0 325.7 0.215	-0.214 0.01 1.4	0.0 0.0 0.0 334.4 0.95	-0.435 0.01 -1	543c 28 543	1.2 1.3 1.4 11.1 0.0 0.0	0.0 0.0 0.0 325.7 1.3 0.0 0.0 0.0 336.2
0.250 0.250 0.250 50	4.8 5.1 5.3 0.313 0.329	27.0 0.0 0.0 0.0 325.5 0.215	-0.214 0.01 5.1	0.0 0.0 0.0 324.8 0.95	-0.435 0.01 -1	543c 28 543	4.3 4.5 4.9 25.3 0.0 0.0	0.0 0.0 0.0 325.5 4.5 0.0 0.0 0.0 325.3
0.375 0.375 0.375 51	11.0 11.6 12.6 0.313 0.329	40.6 0.0 0.0 0.0 325.4 0.215	-0.214 0.01 11.6	0.0 0.0 0.0 322.8 0.95	-0.435 0.01 -1	543c 28 543	9.8 10.3 11.2 38.3 0.0 0.0	0.0 0.0 0.0 325.4 10.3 0.0 0.0 0.0 323.1
0.500 0.500 0.500 52	20.3 21.4 23.3 0.313 0.329	53.4 0.0 0.0 0.0 325.3 0.215	-0.214 0.01 21.4	0.0 0.0 0.0 321.7 0.95	-0.435 0.01 -1	543c 28 543	18.0 19.0 20.6 50.6 0.0 0.0	0.0 0.0 0.0 325.3 19.0 0.0 0.0 0.0 322.3
0.625 0.625 0.625 53	31.8 33.5 36.8 0.313 0.329	65.6 0.0 0.0 0.0 325.2 0.215	-0.214 0.01 33.5	0.0 0.0 0.0 321.8 0.95	-0.435 0.01 -1	543c 28 543	29.3 30.9 33.9 62.4 0.0 0.0	0.0 0.0 0.0 325.2 30.9 0.0 0.0 0.0 322.0
0.750 0.750 0.750 54	49.7 52.3 56.9 0.313 0.329	77.4 0.0 0.0 0.0 325.2 0.215	-0.214 0.01 52.3	0.0 0.0 0.0 321.8 0.95	-0.435 0.01 -1	543c 28 543	48.0 46.3 50.4 73.7 0.0 0.0	0.0 0.0 0.0 325.2 46.3 0.0 0.0 0.0 321.8
0.875 0.875 0.875 55	70.2 73.9 80.5 0.313 0.329	88.9 0.0 0.0 0.0 325.2 0.215	-0.214 0.01 73.9	0.0 0.0 0.0 321.7 0.95	-0.435 0.01 -1	543c 28 543	62.2 65.5 71.3 84.7 0.0 0.0	0.0 0.0 0.0 325.3 65.5 0.0 0.0 0.0 321.7
1.000 1.000 1.000 56	100.0 100.0 108.9 0.313 0.329	100.0 0.0 0.0 0.0 325.2 0.215	-0.214 0.01 100.0	0.0 0.0 0.0 321.6 0.95	-0.435 0.01 -1	543c 28 543	84.2 88.6 96.5 95.4 0.0 0.0	0.0 0.0 0.0 325.2 88.6 0.0 0.0 0.0 321.7

ggk7l0 -7n, sRGB-Farben, normiert: $Yn = Yw = 100$

TUB-Prüfvorlage ggk7; 48stufiger Buntton kreis & 9 Graustufen mit *rgb*-Daten nach IEC 61966-2-1
CIELAB-, TUBYAB- und λ_d-Daten berechnet aus *CIEXYZ*-Daten des sRGB-Farbraums für D65

TUB-Material: Code=rha4ta