

Farbmtrische "Norm-Daten": Farbmtrische Daten des Natürliches Farbsystems NCS18 für Helligkeit L*=18 von Schwarz für D65																	
System NCS18	Farbe	r=oh*1	g=oh*2	b=oh*3	a*=LAB*1	a*=LAB*2	b*=LAB*3	C*ab=LAB*1	h _{ab}	X=XYZ ₁	Y=XYZ ₂	Z=XYZ ₃	x	y	u _{88.59}	Y88.59	
NCS system		00	Y00R	1.0	0.0	0.0	90.76	-0.82	124.09	124.09	90	73.69	77.96	2.94	0.4767	0.5043	0.88.59
	01 Y05R	1.0	0.95	0.0	89.83	5.6	122.81	122.94	87	74.86	75.94	2.89	0.4871	0.4941	0.8572	0.8808	
	02 Y10R	1.0	0.9	0.0	87.77	12.49	120.61	121.25	84	73.89	71.58	2.7	0.4987	0.4831	0.8080	0.8080	
	03 Y15R	1.0	0.85	0.0	84.58	19.29	116.34	117.93	81	70.6	65.19	2.53	0.5104	0.4713	0.7359	0.7359	
	04 Y20R	1.0	0.8	0.0	80.98	25.51	110.3	113.22	77	66.34	58.43	2.51	0.5212	0.4591	0.6595	0.6595	
	05 Y25R	1.0	0.75	0.0	77.79	31.16	104.74	109.27	73	62.77	52.86	2.52	0.5313	0.4474	0.5967	0.5967	
	06 Y30R	1.0	0.7	0.0	74.98	36.13	100.39	106.7	70	59.74	48.25	2.45	0.5409	0.4369	0.5447	0.5447	
	07 Y35R	1.0	0.65	0.0	72.28	40.31	96.43	104.52	67	56.66	44.07	2.36	0.5496	0.4275	0.4975	0.4975	
	08 Y40R	1.0	0.6	0.0	69.7	43.96	92.22	102.16	65	53.7	40.33	2.33	0.5573	0.4185	0.4552	0.4552	
	09 Y45R	1.0	0.55	0.0	67.39	47.46	87.59	99.62	62	51.23	37.15	2.42	0.5642	0.4092	0.4194	0.4194	
	10 Y50R	1.0	0.5	0.0	65.32	51.18	83.49	97.93	58	49.28	34.45	2.48	0.5716	0.3996	0.3889	0.3889	
	11 Y55R	1.0	0.45	0.0	63.4	55.23	80.36	97.51	56	47.74	32.07	2.46	0.5803	0.3898	0.3622	0.3622	
	12 Y60R	1.0	0.4	0.0	61.57	59.15	77.68	97.63	53	46.33	29.9	2.4	0.5892	0.3803	0.3375	0.3375	
	13 Y65R	1.0	0.35	0.0	59.77	62.58	74.78	97.51	50	44.81	27.87	2.37	0.5971	0.3713	0.3145	0.3145	
	14 Y70R	1.0	0.3	0.0	57.94	65.66	71.17	96.83	47	43.18	25.9	2.43	0.6038	0.3622	0.2924	0.2924	
	15 Y75R	1.0	0.25	0.0	56.04	68.55	66.17	95.28	44	41.41	23.95	2.66	0.6088	0.3521	0.2703	0.2703	
	16 Y80R	1.0	0.2	0.0	54.06	71.0	60.95	93.58	41	39.46	22.03	2.92	0.6126	0.3421	0.2487	0.2487	
	17 Y85R	1.0	0.25	0.0	52.0	72.9	56.6	92.29	38	37.27	20.14	3.03	0.6166	0.3332	0.2274	0.2274	
	18 Y90R	1.0	0.1	0.0	49.88	74.57	51.67	90.72	35	35.05	18.32	3.23	0.6192	0.3237	0.2068	0.2068	
	19 Y95R	1.0	0.05	0.0	47.78	76.51	45.35	88.94	31	33.0	16.62	3.67	0.6192	0.3119	0.1876	0.1876	
	20 R00B	1.0	0.0	0.0	45.83	77.83	36.96	86.16	25	31.04	15.14	4.59	0.6113	0.2982	0.1709	0.1709	
	21 R05B	1.0	0.0	0.1	44.25	78.82	27.82	83.59	19	29.5	14.01	5.99	0.5959	0.2831	0.1582	0.1582	
	22 R10B	1.0	0.0	0.2	43.21	80.67	19.25	82.93	13	28.81	13.3	7.74	0.578	0.2668	0.1501	0.1501	
	23 R15B	1.0	0.0	0.3	42.66	83.2	10.83	83.9	7	28.85	12.93	10.02	0.5569	0.2496	0.146	0.146	
	24 R20B	1.0	0.0	0.4	42.27	86.82	1.66	86.83	1	29.35	12.67	13.13	0.5322	0.2298	0.1431	0.1431	
	25 R25B	1.0	0.0	0.5	41.87	87.68	-8.59	88.11	354	29.14	12.42	17.33	0.4948	0.2109	0.1402	0.1402	
	26 R30B	1.0	0.0	0.6	41.76	90.24	-19.98	92.42	348	29.68	12.35	23.27	0.4545	0.1891	0.1394	0.1394	
	27 R35B	1.0	0.0	0.7	42.19	96.59	-33.99	102.4	341	31.88	12.62	32.99	0.4114	0.1629	0.1425	0.1425	
	28 R40B	1.0	0.0	0.8	42.86	101.66	-48.43	112.61	335	34.12	13.06	45.86	0.3667	0.1404	0.1475	0.1475	
	29 R45B	1.0	0.0	0.9	43.53	104.52	-61.51	121.28	330	35.8	13.51	60.2	0.3269	0.1234	0.1525	0.1525	
	30 R50B	1.0	0.0	1.0	44.24	104.14	-73.11	127.24	325	36.61	14.0	75.44	0.2904	0.1111	0.1581	0.1581	
	31 R55B	0.9	0.0	1.0	45.02	97.88	-82.53	128.04	320	35.74	14.56	90.08	0.2546	0.1037	0.1643	0.1643	
	32 R60B	0.8	0.0	1.0	45.88	86.67	-89.0	124.24	314	33.56	15.18	102.02	0.2226	0.1007	0.1714	0.1714	
	33 R65B	0.7	0.0	1.0	46.69	70.9	-89.55	114.23	308	30.18	15.78	105.08	0.1998	0.1045	0.1782	0.1782	
	34 R70B	0.6	0.0	1.0	47.57	56.7	-88.65	105.25	303	27.5	16.46	106.08	0.1833	0.1097	0.1858	0.1858	
	35 R75B	0.5	0.0	1.0	48.47	43.85	-87.95	98.28	296	25.32	17.17	107.43	0.1689	0.1145	0.1938	0.1938	
	36 R80B	0.4	0.0	1.0	49.29	30.84	-86.64	91.97	290	23.15	17.83	107.61	0.1558	0.12	0.2013	0.2013	
	37 R85B	0.3	0.0	1.0	50.08	16.7	-83.29	84.95	281	20.84	18.49	104.41	0.145	0.1286	0.2087	0.2087	
	38 R90B	0.2	0.0	1.0	51.11	2.21	-78.01	78.05	272	18.83	19.36	98.95	0.1373	0.1412	0.2319	0.2319	
	39 R95B	0.1	0.0	1.0	52.44	-11.62	-71.57	72.52	261	17.3	20.54	92.74	0.1325	0.1573	0.2319	0.2319	
	40 B00G	0.0	0.0	1.0	53.84	-24.65	-65.25	69.76	249	16.05	21.82	87.11	0.1284	0.1746	0.2463	0.2463	
	41 B05G	0.0	0.1	1.0	55.11	-36.67	-58.85	69.36	238	14.94	23.04	81.33	0.1252	0.1931	0.26	0.26	
	42 B10G	0.0	0.2	1.0	56.28	-47.82	-53.65	71.88	228	13.95	24.19	77.12	0.121	0.2099	0.2731	0.2731	
	43 B15G	0.0	0.3	1.0	57.35	-56.7	-48.82	74.83	221	13.28	25.28	73.29	0.1187	0.226	0.2853	0.2853	
	44 B20G	0.0	0.4	1.0	58.33	-63.79	-44.2	77.62	215	12.85	26.31	69.7	0.118	0.2417	0.297	0.297	
	45 B25G	0.0	0.5	1.0	59.23	-70.17	-39.8	80.69	210	12.47	27.27	66.29	0.1176	0.2572	0.3079	0.3079	
	46 B30G	0.0	0.6	1.0	60.02	-76.12	-35.81	84.14	205	12.1	28.14	63.26	0.1169	0.2719	0.3177	0.3177	
	47 B35G	0.0	0.7	1.0	60.74	-81.57	-32.21	87.71	202	11.76	28.95	60.62	0.1161	0.2857	0.3268	0.3268	
	48 B40G	0.0	0.8	1.0	61.4	-86.84	-28.72	91.47	198	11.43	29.71	58.06	0.1152	0.2995	0.3353	0.3353	
	49 B45G	0.0	0.9	1.0	62.02	-92.35	-25.09	95.71	195	11.03	30.42	55.34	0.114	0.3143	0.3434	0.3434	

JG250-7N, Farbmtrische Daten des Natürliches Farbsystems NCS18 für CIE-Normlichtart D65System NCS; Seite: 1/33

TUB-Prüfvorlage JG25; Bunttonkreis und farbmtrische Daten
 Natürliches Farbsystem NCS, 80 Bunttöne, 8 Reflexionen

input: *olv* setrgbcolor*
 output: *no change compared to input*