

CIE02-Normfarbwerte, Buntwerte und Farbarnten ($n_1=1.4, n_2=0.5$).

Normierte Ostwald (O)-Farbwerte ($Y_w=100$), geordnet nach Wellenlänge.

λ_n	Normfarbwerte und -anteile				nu-Buntwerte			
	X	Y	Z	x	y	u	v	w
00 396	31.24	12.19	76.69	0.260	0.101	0.638	72.3	-84.1
00 396	31.24	12.19	76.69	0.260	0.101	0.638	72.3	-84.1
02 466	13.27	8.01	79.21	0.132	0.079	0.788	13.4	-88.4
03 471	13.39	12.66	80.68	0.125	0.118	0.755	-4.4	-84.7
04 475B	14.00	19.21	81.44	0.122	0.167	0.710	-27.6	-77.9
05 479	15.61	27.50	81.85	0.124	0.220	0.655	-53.3	-68.9
06 481	18.42	36.66	82.05	0.134	0.267	0.598	-77.4	-58.9
07 483	20.35	41.45	82.11	0.141	0.288	0.570	-88.1	-53.6
08 484	22.64	46.29	82.14	0.149	0.306	0.543	-97.4	-48.4
09 485	25.29	51.06	82.16	0.159	0.322	0.518	-105.0	-43.3
10 486C	29.62	57.81	81.62	0.175	0.341	0.482	-113.2	-35.5
11 490	26.32	58.17	83.51	0.177	0.393	0.429	-126.0	-12.6
12 497	23.01	56.66	82.40	0.185	0.472	0.342	-139.9	13.9
13 501	22.62	59.57	35.18	0.192	0.507	0.299	-143.1	23.7
14 506	22.26	60.29	28.28	0.200	0.543	0.255	-146.5	33.0
15 519	21.83	61.02	17.06	0.218	0.610	0.170	-149.6	47.4
16 522G	24.04	63.42	17.06	0.230	0.606	0.163	-149.8	49.8
17 535	27.22	66.19	9.71	0.263	0.641	0.094	-146.3	61.3
18 544	35.20	72.16	7.33	0.306	0.629	0.063	-136.1	69.6
19 561	65.07	87.80	5.54	0.410	0.554	0.034	-72.3	84.1
20 568	83.05	93.65	4.13	0.459	0.517	0.022	-20.0	89.1
21 569	93.03	91.98	3.02	0.466	0.516	0.022	-13.4	88.4
22 573	82.92	83.76	1.55	0.482	0.500	0.044	27.6	77.9
23 573Y	82.30	80.76	0.80	0.502	0.492	0.004	53.3	68.9
24 577	80.69	72.49	0.38	0.525	0.472	0.002	73.3	58.9
25 581	77.87	63.33	0.18	0.550	0.447	0.001	77.3	58.9
26 583	75.96	58.54	0.13	0.564	0.434	0.000	88.1	53.6
27 585	73.67	53.70	0.09	0.577	0.421	0.000	97.4	48.4
28 587	71.01	48.93	0.07	0.591	0.407	0.000	105.0	43.3
29 592R	66.69	42.18	0.61	0.609	0.385	0.005	113.3	35.5
30 631	69.99	41.82	18.71	0.536	0.320	0.143	126.0	12.6
31 702	73.30	41.33	39.75	0.474	0.267	0.257	138.9	-13.8
32 706	73.69	40.41	47.04	0.457	0.250	0.291	143.1	-23.7
33 711	74.05	39.70	53.95	0.441	0.236	0.321	146.5	-33.0
34 724	72.26	36.57	65.17	0.415	0.210	0.364	149.6	-47.4
35 727M	72.26	36.57	65.17	0.415	0.210	0.364	149.6	-47.4
36 740	69.08	33.80	72.53	0.393	0.192	0.413	146.3	-61.3
37 749	61.10	27.83	74.91	0.372	0.169	0.457	136.0	-69.6
38 766	31.24	12.19	76.69	0.260	0.101	0.638	72.3	-84.1
39 828	13.25	6.34	78.11	0.135	0.064	0.799	20.0	-89.1

U=D50 96.31 99.99 82.24 0.345 358 358 0.0 0.0 0.0 0.0

$a^*_m = p_m \cdot p_1 \cdot A[(5.645x - 2.666 + 2.570z)/y]$ $A_m = (a^*_m)/Y$ $C_{ABm} = [A_m^2 + B_m^2]^{1/2}$

$b^*_m = p_m \cdot p_2 \cdot B[-(1.871x + 1.457 - 3.861z)/y]$ $B_m = (b^*_m)/Y$ $h_{ABm} = \text{atan}[B_m/A_m]$

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Normierte Ostwald (O)-Farbwerte ($Y_w=100$), geordnet nach Wellenlänge.

λ_n	n-Farbart				nu-Farbart			
	X	Y	Z	x	y	u	v	w
00 396	12.19	6.11	-7.36	9.57	309	5.93	-6.90	91.0
01 465	6.34	3.32	-14.51	14.89	282	3.15	-14.05	14.0
02 466	8.01	1.84	-11.50	11.65	279	1.67	-11.04	11.7
03 471	12.66	-0.17	-7.15	7.15	268	-0.35	-6.69	6.70
04 475B	19.21	-1.26	-4.51	4.69	254	-1.43	-4.05	4.30
05 479	27.50	-1.76	-2.96	3.45	239	-1.93	-2.50	3.17
06 481	36.66	-1.93	-2.06	2.83	226	-2.11	-1.60	2.65
07 483	41.45	-1.95	-1.75	2.62	221	-2.12	-1.29	2.48
08 484	46.29	-1.93	-1.50	2.44	217	-2.10	-1.04	2.35
09 485	51.06	-1.88	-1.30	2.29	214	-2.05	-0.84	2.22
10 486C	57.81	-1.78	-1.07	2.08	211	-1.95	-0.61	2.05
11 490	58.17	-1.99	-0.67	2.10	198	-2.16	-0.21	2.17
12 497	56.66	-2.19	-0.22	2.20	185	-2.36	0.21	2.38
13 501	59.57	-2.22	-0.06	2.22	181	-2.40	0.39	2.43
14 506	60.29	-2.25	0.08	2.25	177	-2.43	0.54	2.49
15 519	61.02	-2.27	0.31	2.30	172	-2.45	0.77	2.57
16 522G	63.42	-2.18	0.32	2.21	171	-2.36	0.78	2.48
17 535	66.19	-2.03	0.46	2.08	167	-2.21	0.92	2.39
18 544	72.16	-1.71	0.50	1.78	163	-1.88	0.96	2.11
19 561	87.80	-0.64	0.49	0.81	142	-0.82	0.95	1.26
20 568	93.65	-0.03	0.49	0.49	94	-0.21	0.95	0.97
21 569	91.98	0.02	0.50	0.50	86	-0.14	0.96	0.97
22 573	82.92	0.32	0.51	0.55	66	0.05	0.90	0.97
23 573Y	80.76	0.51	0.50	0.42	44	0.34	0.96	0.02
24 577	72.49	0.91	0.49	1.03	28	0.73	0.95	1.20
25 581	63.33	1.39	0.47	1.47	18	1.22	0.93	1.53
26 583	58.54	1.67	0.45	1.74	15	1.50	0.91	1.76
27 585	53.70	1.98	0.44	2.03	12	1.81	0.90	2.02
28 587	48.93	2.32	0.42	2.36	10	2.14	0.88	2.32
29 592R	42.18	2.86	0.38	2.88	7	2.68	0.84	2.81
30 631	41.82	3.18	-0.15	3.19	357	3.01	0.30	3.02
31 702	41.33	3.53	-0.79	3.62	347	3.36	-0.33	3.37
32 706	40.41	3.71	-1.04	3.86	344	3.54	-0.58	3.58
33 711	39.70	3.86	-1.29	4.07	341	3.69	-0.83	3.78
34 724	36.57	4.27	-1.82	4.64	336	3.84	-1.21	4.02
35 727M	36.57	4.27	-1.82	4.64	336	3.84	-1.21	4.02
36 740	33.80	5.06	-2.27	5.04	333	3.63	-1.81	4.69
37 749	27.83	5.06	-2.96	5.86	329	4.88	-2.50	5.49
38 766	12.19	6.11	-7.36	9.57	309	5.93	-6.90	91.0
39 828	6.34	3.32	-14.51	14.89	282	3.15	-14.05	14.0

U=D50 99.99 17.17 -0.459 491 290 0.0 0.0 0.0 0.0

$a^*_m = p_m \cdot p_1 \cdot A[(5.645x - 2.666 + 2.570z)/y]$ $A_m = (a^*_m)/Y$ $C_{ABm} = [A_m^2 + B_m^2]^{1/2}$

$b^*_m = p_m \cdot p_2 \cdot B[-(1.871x + 1.457 - 3.861z)/y]$ $B_m = (b^*_m)/Y$ $h_{ABm} = \text{atan}[B_m/A_m]$

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Normierte Ostwald (O)-Farbwerte ($Y_w=100$), geordnet nach Buntwinkel.

λ_n	Normfarbwerte und -anteile				nu-Buntwerte			
	X	Y	Z	x	y	u	v	w
00 631	69.99	41.82	18.71	0.536	0.320	0.143	126.0	12.6
01 702	73.30	41.33	39.75	0.474	0.267	0.257	138.9	-13.8
02 706	73.69	40.41	47.04	0.457	0.250	0.291	143.1	-23.7
03 711	74.05	39.70	53.95	0.441	0.236	0.321	146.5	-33.0
04 724	72.26	36.57	65.17	0.415	0.210	0.364	149.6	-47.4
05 727M	72.26	36.57	65.17	0.415	0.210	0.364	149.6	-47.4
06 740	69.08	33.80	72.53	0.393	0.192	0.413	146.3	-61.3
07 749	61.10	27.83	74.91	0.372	0.169	0.457	136.0	-69.6
08 396	31.24	12.19	76.69	0.260	0.101	0.638	72.3	-84.1
09 466	13.25	6.34	78.11	0.135	0.064	0.799	20.0	-89.1
10 466	13.27	8.01	79.21	0.132	0.079	0.788	13.4	-88.4
11 471	13.39	12.66	80.68	0.125	0.118	0.755	-4.4	-84.7
12 475B	14.00	19.21	81.44	0.122	0.167	0.710	-27.6	-77.9
13 479	15.61	27.50	81.85	0.124	0.220	0.655	-53.3	-68.9
14 481	18.42	36.66	82.05	0.134	0.267	0.598	-77.4	-58.9
15 483	20.35	41.45	82.11	0.141	0.288	0.570	-88.1	-53.6
16 484	22.64	46.29	82.14	0.149	0.306	0.543	-97.4	-48.4
17 485	25.29	51.06	82.16	0.159	0.322	0.518	-105.0	-43.3
18 486C	29.62	57.81	81.62	0.175	0.341	0.482	-113.2	-35.5
19 490	26.32	58.17	83.51	0.177	0.393	0.429	-126.0	-12.6
20 497	23.01	56.66	82.40	0.185	0.472	0.342	-139.9	13.9
21 501	22.62	59.57	35.18	0.192	0.507	0.299	-143.1	23.7
22 506	22.26	60.29	28.28	0.200	0.543	0.255	-146.5	33.0
23 519G	21.83	61.02	17.06	0.218	0.610	0.170	-149.6	47.4
24 522	24.04	63.42	17.06	0.230	0.606	0.163	-149.8	49.8
25 535	27.22	66.19	9.71	0.263	0.641	0.094	-146.3	61.3
26 544	35.20	72.16	7.33	0.306	0.629	0.063	-136.1	69.6
27 561	65.07	87.80	5.54	0.410	0.554	0.034	-72.3	84.1
28 568	83.05	93.65	4.13	0.459	0.517	0.022	-20.0	89.1
29 569	93.03	91.98	3.02	0.466	0.516	0.022	-13.4	88.4
30 573	82.92	83.76	1.55	0.482	0.500	0.044	27.6	77.9
31 573Y	82.30	80.76	0.80	0.502	0.492	0.004	53.3	68.9
32 577	80.69	72.49	0.38	0.525	0.472	0.002	73.3	58.9
33 581	77.87	63.33	0.18	0.550	0.447	0.001	77.3	58