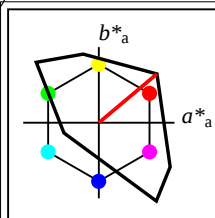
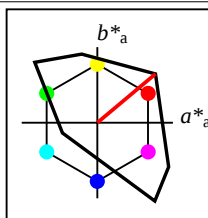


See for similar files: <http://www.ps.bam.de/YE42/>
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1



%Gamut
 $u^*_{rel} = 158$
%Regularity
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

TLS00					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	50.5	76.91	64.55	100.41	40
Y _M	92.66	-20.67	90.75	93.08	103
L _M	83.62	-82.73	79.9	115.02	136
C _M	86.88	-46.14	-13.53	48.1	196
V _M	30.39	76.06	-103.59	128.52	306
M _M	57.31	94.35	-58.39	110.96	328
N _M	0.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 158$
%Regularity
 $g^*_{H,rel} = 20$
 $g^*_{C,rel} = 37$

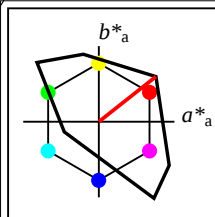
TLS00a; adapted CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	50.5	76.91	64.55	100.41	40
Y _{Ma}	92.66	-20.67	90.75	93.08	103
L _{Ma}	83.62	-82.73	79.9	115.02	136
C _{Ma}	86.88	-46.14	-13.53	48.1	196
V _{Ma}	30.39	76.06	-103.59	128.52	306
M _{Ma}	57.31	94.35	-58.39	110.96	328
N _{Ma}	0.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

BAM registration: 20061101-YE42/10L/L42E00NP.PS/.PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems
/YE42/ Form: 1/8, Serie: 1/1, Page: 1 Page count: 1

Data of 3x3x3=27 colors in colorimetric system TLS00; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

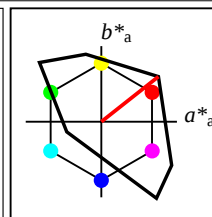
n	no.	System	ρ^*_3	l^*_3	v^*_3	e^*	t^*	c^*	h^*	n^*	w^*	LCH^*_{CIE}		$a^*b^*_{CIE}$		XYZ_{CIE}		xy_{CIE}		XYZ_{RGB}		RGB'_{sRGB}			$RGB'_{AdobeRGB}$						
0	0	TLS00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.328	0.328	0.0	0.0	0.0	0.0	0.0	0.0	0.006	0.006	0.006			
1	0	TLS00	0.0	0.0	0.5	0.781	0.25	0.5	0.851	0.5	0.0	15.2	64.3	306.3	38.0	-51.7	3.9	1.9	16.0	0.178	0.178	0.044	0.022	0.181	0.147	0.07	0.472	0.149	0.098	0.46	
2	0	TLS00	0.0	0.0	1.0	0.781	0.5	1.0	0.851	0.0	0.0	30.4	128.5	306.3	76.1	-103.5	16.0	6.4	84.2	0.15	0.15	0.18	0.072	0.951	0.0	0.001	1.0	-0.008	0.005	0.981	
3	0	TLS00	0.0	0.5	0.0	0.308	0.25	0.5	0.378	0.5	0.0	41.8	57.5	136.0	-41.3	39.9	6.8	12.4	2.9	0.309	0.309	0.077	0.14	0.033	0.145	0.472	0.102	0.293	0.469	0.16	
4	0	TLS00	0.0	0.5	0.5	0.475	0.25	0.5	0.545	0.5	0.0	43.4	24.0	196.4	-23.0	-6.7	9.6	13.5	17.8	0.236	0.236	0.109	0.152	0.2	0.148	0.471	0.469	0.293	0.467	0.466	
5	0	TLS00	0.0	0.5	1.0	0.628	0.5	1.0	0.698	0.0	0.0	58.6	88.3	251.3	-28.2	-83.6	19.2	26.6	130.3	0.109	0.109	0.217	0.301	1.471	-6.368	0.676	1.196	-0.516	0.67	1.188	
6	0	TLS00	0.0	1.0	0.0	0.308	0.5	1.0	0.378	0.0	0.0	83.6	115.0	136.0	-82.6	79.9	31.7	63.3	10.6	0.3	0.3	0.358	0.715	0.119	0.004	1.0	0.0	0.565	1.0	0.234	
7	0	TLS00	0.0	1.0	0.5	0.392	0.5	1.0	0.462	0.0	0.0	85.2	81.6	166.2	-79.1	19.5	34.7	66.5	50.8	0.228	0.228	0.391	0.751	0.573	-2.216	1.023	0.718	0.455	1.024	0.728	
8	0	TLS00	0.0	1.0	1.0	0.475	0.5	1.0	0.545	0.0	0.0	86.9	48.1	196.4	-46.1	-13.4	47.7	69.8	94.7	0.225	0.225	0.538	0.787	1.069	0.009	1.0	1.0	0.565	1.0	1.0	
9	0	TLS00	0.5	0.0	0.0	0.042	0.25	0.5	0.111	0.5	0.0	25.3	50.2	40.0	38.5	32.3	7.7	4.5	0.8	0.593	0.593	0.087	0.051	0.009	0.483	0.109	0.049	0.416	0.131	0.083	
10	0	TLS00	0.5	0.0	0.5	0.842	0.25	0.5	0.912	0.5	0.0	28.7	55.5	328.2	47.2	-29.1	10.5	5.7	16.3	0.322	0.322	0.118	0.064	0.184	0.476	0.123	0.471	0.411	0.143	0.459	
11	0	TLS00	0.5	0.0	1.0	0.811	0.5	1.0	0.881	0.0	0.0	43.8	119.7	317.3	88.0	-81.2	31.5	13.7	85.4	0.241	0.241	0.355	0.155	0.964	0.689	-0.171	1.003	0.583	-0.14	0.984	
12	0	TLS00	0.5	0.5	0.0	0.217	0.25	0.5	0.286	0.5	0.0	46.3	46.5	102.8	-10.2	45.4	13.1	15.5	3.3	0.411	0.411	0.148	0.175	0.037	0.475	0.469	0.109	0.47	0.466	0.163	
13	0	TLS00	0.5	0.5	0.5	0.0	0.5	0.0	0.0	0.5	0.5	47.7	0.0	0.0	0.0	0.0	15.7	16.6	18.0	0.313	0.313	0.178	0.187	0.204	0.47	0.47	0.47	0.467	0.467	0.467	
14	0	TLS00	0.5	0.5	1.0	0.781	0.75	0.5	0.851	0.0	0.5	62.9	64.3	306.3	38.0	-51.7	41.1	31.5	90.2	0.253	0.253	0.464	0.355	1.018	0.701	0.546	1.013	0.656	0.541	0.999	
15	0	TLS00	0.5	1.0	0.0	0.261	0.5	1.0	0.332	0.0	0.0	88.1	104.0	119.4	-51.0	90.6	47.9	72.4	9.6	0.369	0.369	0.54	0.817	0.108	0.695	1.006	-0.288	0.795	1.006	0.17	
16	0	TLS00	0.5	1.0	0.5	0.308	0.75	0.5	0.378	0.0	0.5	89.5	57.5	136.0	-41.3	39.9	53.7	75.3	39.0	0.32	0.32	0.607	0.849	0.44	0.695	1.011	0.606	0.797	1.011	0.624	
17	0	TLS00	0.5	1.0	1.0	0.475	0.75	0.5	0.545	0.0	0.5	91.1	24.0	196.4	-23.0	-6.7	64.2	78.8	95.6	0.269	0.269	0.725	0.889	1.079	0.697	1.005	1.0	0.796	1.005	1.0	
18	0	TLS00	1.0	0.0	0.0	0.042	0.5	1.0	0.111	0.0	0.0	50.5	100.4	40.0	76.9	64.6	36.5	18.8	1.7	0.64	0.64	0.412	0.213	0.019	1.0	0.003	0.0	0.859	0.009	-0.003	
19	0	TLS00	1.0	0.0	0.5	0.942	0.5	1.0	0.011	0.0	0.0	53.9	105.7	4.1	105.4	7.6	51.2	21.9	19.6	0.552	0.552	0.577	0.247	0.221	1.152	-1.12	0.502	0.983	-0.329	0.484	
20	0	TLS00	1.0	0.0	1.0	0.842	0.5	1.0	0.912	0.0	0.0	57.3	111.0	328.2	94.4	-58.3	52.5	25.2	85.9	0.321	0.321	0.593	0.285	0.97	1.0	0.004	1.0	0.859	0.003	0.981	
21	0	TLS00	1.0	0.5	0.0	0.128	0.5	1.0	0.198	0.0	0.0	71.6	96.7	71.4	30.8	91.7	51.8	43.0	2.8	0.53	0.53	0.584	0.486	0.032	1.055	0.623	-0.421	0.957	0.617	-0.156	
22	0	TLS00	1.0	0.5	0.5	0.042	0.75	0.5	0.111	0.0	0.5	73.0	50.2	40.0	38.5	32.3	57.1	45.1	24.2	0.452	0.452	0.644	0.509	0.273	1.071	0.62	0.507	0.969	0.614	0.508	
23	0	TLS00	1.0	0.5	1.0	0.842	0.75	0.5	0.912	0.0	0.5	76.4	55.5	328.2	47.2	-29.1	67.1	50.5	91.1	0.322	0.322	0.758	0.57	1.028	1.029	0.648	1.006	0.939	0.642	0.994	
24	0	TLS00	1.0	1.0	0.0	0.217	0.5	1.0	0.286	0.0	0.0	92.7	93.1	102.8	-20.6	90.8	68.2	82.2	12.3	0.419	0.419	0.77	0.928	0.138	1.0	1.0	0.0	1.0	1.0	0.234	
25	0	TLS00	1.0	1.0	0.5	0.217	0.75	0.5	0.286	0.0	0.5	94.0	46.5	102.8	-10.2	45.4	75.9	85.4	40.9	0.376	0.376	0.857	0.963	0.462	1.029	0.998	0.618	1.021	0.998	0.634	
26	0	TLS00	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	95.4	0.0	0.0	0.0	0.0	84.2	88.6	96.5	0.313	0.313	0.95	1.0	1.089	1.0	1.0	1.0	1.0	1.0	1.0	

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Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1



%Gamut
 $u^*_{rel} = 146$
%Regularity
 $g^*_{H,rel} = 21$
 $g^*_{C,rel} = 38$

TLS06					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	51.08	75.54	59.69	96.28	38
Y _M	92.68	-20.5	89.24	91.57	103
L _M	83.72	-81.78	78.32	113.24	136
C _M	86.94	-45.71	-13.42	47.65	196
V _M	31.77	72.91	-101.29	124.81	306
M _M	57.74	93.06	-57.7	109.5	328
N _M	5.69	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



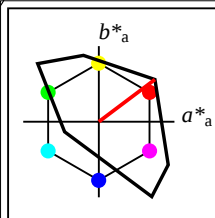
%Gamut
 $u^*_{rel} = 146$
%Regularity
 $g^*_{H,rel} = 21$
 $g^*_{C,rel} = 38$

TLS06a; adapted CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	51.08	75.54	59.69	96.28	38
Y _{Ma}	92.68	-20.5	89.24	91.57	103
L _{Ma}	83.72	-81.78	78.32	113.24	136
C _{Ma}	86.94	-45.71	-13.42	47.65	196
V _{Ma}	31.77	72.91	-101.29	124.81	306
M _{Ma}	57.74	93.06	-57.7	109.5	328
N _{Ma}	5.69	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

Data of 3x3x3=27 colors in colorimetric system TLS06; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

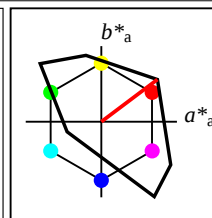
n	no.	System	ρ^*_3	l^*_3	v^*_3	e^*	t^*	c^*	h^*	n^*	w^*	LCH^*_{CIE}		$a^*b^*_{CIE}$		XYZ_{CIE}		xy_{CIE}		XYZ_{RGB}		RGB'_{sRGB}		$RGB'_{AdobeRGB}$							
0	1	TLS06	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	5.7	0.0	0.0	0.0	0.6	0.6	0.7	0.313	0.313	0.007	0.007	0.008	0.079	0.079	0.079	0.106	0.105	0.105		
1	1	TLS06	0.0	0.0	0.5	0.781	0.25	0.5	0.849	0.5	0.0	15.9	62.4	305.7	36.5	-50.5	4.0	2.1	16.0	0.181	0.181	0.045	0.023	0.181	0.151	0.084	0.472	0.155	0.11	0.46	
2	1	TLS06	0.0	0.0	1.0	0.781	0.5	1.0	0.849	0.0	0.0	31.8	124.8	305.7	72.9	-101.2	16.5	7.0	84.3	0.153	0.153	0.186	0.079	0.952	0.079	0.08	1.0	0.106	0.106	0.981	
3	1	TLS06	0.0	0.5	0.0	0.308	0.25	0.5	0.378	0.5	0.0	41.9	56.6	136.2	-40.8	39.2	6.9	12.4	3.0	0.309	0.309	0.078	0.14	0.034	0.151	0.472	0.111	0.294	0.469	0.166	
4	1	TLS06	0.0	0.5	0.5	0.475	0.25	0.5	0.545	0.5	0.0	43.5	23.8	196.4	-22.8	-6.6	9.7	13.5	17.7	0.237	0.237	0.109	0.152	0.2	0.153	0.471	0.469	0.295	0.467	0.466	
5	1	TLS06	0.0	0.5	1.0	0.628	0.5	1.0	0.697	0.0	0.0	59.4	86.2	251.1	-27.9	-81.5	19.9	27.4	128.8	0.113	0.113	0.224	0.309	1.453	-6.109	0.682	1.189	-0.499	0.676	1.181	
6	1	TLS06	0.0	1.0	0.0	0.308	0.5	1.0	0.378	0.0	0.0	83.7	113.2	136.2	-81.7	78.3	32.1	63.5	11.2	0.3	0.3	0.362	0.717	0.126	0.082	1.0	0.079	0.57	1.0	0.251	
7	1	TLS06	0.0	1.0	0.5	0.392	0.5	1.0	0.462	0.0	0.0	85.3	80.4	166.3	-78.1	19.0	35.1	66.7	51.3	0.229	0.229	0.396	0.752	0.579	-2.103	1.022	0.723	0.462	1.023	0.733	
8	1	TLS06	0.0	1.0	1.0	0.475	0.5	1.0	0.545	0.0	0.0	86.9	47.7	196.4	-45.6	-13.3	47.9	69.9	94.7	0.226	0.226	0.541	0.789	1.069	0.084	1.0	1.0	0.57	1.0	1.0	
9	1	TLS06	0.5	0.0	0.0	0.036	0.25	0.5	0.106	0.5	0.0	25.5	48.1	38.3	37.8	29.8	7.8	4.6	1.0	0.581	0.581	0.087	0.052	0.011	0.483	0.117	0.071	0.416	0.138	0.101	
10	1	TLS06	0.5	0.0	0.5	0.842	0.25	0.5	0.912	0.5	0.0	28.9	54.8	328.2	46.5	-28.8	10.5	5.8	16.3	0.322	0.322	0.119	0.065	0.184	0.475	0.13	0.471	0.411	0.149	0.459	
11	1	TLS06	0.5	0.0	1.0	0.811	0.5	1.0	0.88	0.0	0.0	44.8	117.2	317.0	85.6	-79.8	31.9	14.4	85.8	0.242	0.242	0.36	0.162	0.968	0.691	-0.058	1.004	0.587	-0.086	0.985	
12	1	TLS06	0.5	0.5	0.0	0.217	0.25	0.5	0.286	0.5	0.0	46.3	45.8	102.9	-10.2	44.6	13.1	15.5	3.4	0.41	0.41	0.148	0.175	0.038	0.475	0.469	0.117	0.47	0.466	0.169	
13	1	TLS06	0.5	0.5	0.5	0.0	0.5	0.0	0.0	0.5	0.5	50.6	0.0	0.0	0.0	0.0	17.9	18.9	20.6	0.313	0.313	0.203	0.213	0.232	0.499	0.499	0.499	0.495	0.495	0.495	
14	1	TLS06	0.5	0.5	1.0	0.781	0.75	0.5	0.849	0.0	0.5	63.6	62.4	305.7	36.5	-50.5	41.6	32.3	90.3	0.253	0.253	0.469	0.365	1.019	0.703	0.558	1.012	0.66	0.553	0.999	
15	1	TLS06	0.5	1.0	0.0	0.264	0.5	1.0	0.332	0.0	0.0	88.2	102.4	119.6	-50.5	89.0	48.1	72.5	10.1	0.368	0.368	0.543	0.818	0.114	0.699	1.006	-0.203	0.797	1.006	0.192	
16	1	TLS06	0.5	1.0	0.5	0.308	0.75	0.5	0.378	0.0	0.5	89.6	56.6	136.2	-40.8	39.2	54.0	75.4	39.7	0.319	0.319	0.61	0.851	0.448	0.697	1.01	0.613	0.798	1.011	0.63	
17	1	TLS06	0.5	1.0	1.0	0.475	0.75	0.5	0.545	0.0	0.5	91.2	23.8	196.4	-22.8	-6.6	64.4	78.9	95.6	0.27	0.27	0.727	0.89	1.079	0.7	1.005	1.0	0.798	1.005	1.0	
18	1	TLS06	1.0	0.0	0.0	0.036	0.5	1.0	0.106	0.0	0.0	51.1	96.3	38.3	75.5	59.7	36.9	19.3	2.4	0.629	0.629	0.416	0.218	0.027	1.0	0.081	0.079	0.86	0.106	0.105	
19	1	TLS06	1.0	0.0	0.5	0.939	0.5	1.0	0.009	0.0	0.0	54.4	102.9	3.3	102.7	5.8	51.0	22.4	21.0	0.54	0.54	0.575	0.252	0.237	1.143	-0.954	0.518	0.977	-0.305	0.501	
20	1	TLS06	1.0	0.0	1.0	0.842	0.5	1.0	0.912	0.0	0.0	57.7	109.5	328.2	93.1	-57.6	52.8	25.7	86.0	0.321	0.321	0.595	0.29	0.97	1.0	0.082	1.0	0.86	0.106	0.981	
21	1	TLS06	1.0	0.5	0.0	0.128	0.5	1.0	0.196	0.0	0.0	71.9	93.9	70.6	31.2	88.6	52.4	43.5	3.4	0.528	0.528	0.591	0.491	0.038	1.06	0.626	-0.345	0.961	0.62	-0.129	
22	1	TLS06	1.0	0.5	0.5	0.036	0.75	0.5	0.106	0.0	0.5	73.2	48.1	38.3	37.8	29.8	57.3	45.5	26.0	0.445	0.445	0.647	0.514	0.293	1.068	0.626	0.528	0.967	0.62	0.528	
23	1	TLS06	1.0	0.5	1.0	0.842	0.75	0.5	0.912	0.0	0.5	76.6	54.8	328.2	46.5	-28.8	67.3	50.8	91.1	0.321	0.321	0.759	0.574	1.029	1.028	0.653	1.005	0.939	0.646	0.994	
24	1	TLS06	1.0	1.0	0.0	0.217	0.5	1.0	0.286	0.0	0.0	92.7	91.6	102.9	-20.4	89.2	68.3	82.2	12.9	0.418	0.418	0.771	0.928	0.145	1.0	1.0	0.079	1.0	1.0	0.251	
25	1	TLS06	1.0	1.0	0.5	0.217	0.75	0.5	0.286	0.0	0.5	94.0	45.8	102.9	-10.2	44.6	76.0	85.4	41.6	0.374	0.374	0.858	0.964	0.469	1.028	0.998	0.624	1.02	0.998	0.639	
26	1	TLS06	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	95.4	0.0	0.0	0.0	0.0	84.2	88.6	96.5	0.313	0.313	0.95	1.0	1.089	1.0	1.0	1.0	1.0	1.0	1.0	

See for similar files: <http://www.ps.bam.de/YE42/>
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1



%Gamut
u*_{rel} = 134
%Regularity
g*_{H,rel} = 21
g*_{C,rel} = 39

TLS11					
	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _M	51.65	74.2	55.83	92.86	37
Y _M	92.7	-20.34	87.77	90.1	103
L _M	83.81	-80.84	76.81	111.52	136
C _M	87.01	-45.27	-13.32	47.2	196
V _M	33.06	70.03	-99.08	121.34	305
M _M	58.17	91.8	-57.02	108.07	328
N _M	10.99	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
u*_{rel} = 134
%Regularity
g*_{H,rel} = 21
g*_{C,rel} = 39

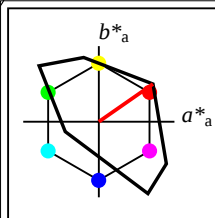
TLS11a; adapted CIELAB data					
	$L^*=L_a^*$	a_a^*	b_a^*	$C_{ab,a}^*$	$h_{ab,a}^*$
O _{Ma}	51.65	74.2	55.83	92.86	37
Y _{Ma}	92.7	-20.34	87.77	90.1	103
L _{Ma}	83.81	-80.84	76.81	111.52	136
C _{Ma}	87.01	-45.27	-13.32	47.2	196
V _{Ma}	33.06	70.03	-99.08	121.34	305
M _{Ma}	58.17	91.8	-57.02	108.07	328
N _{Ma}	10.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

BAM registration: 20061101-YE42/10L/L42E00NP.PS/.PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems
/YE42/ Form: 5/8, Serie: 1/1, Page: 5 Page count: 1

Data of 3x3x3=27 colors in colorimetric system TLS11; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

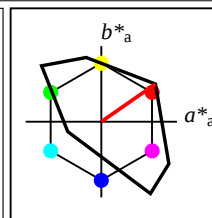
<i>n</i>	<i>no.</i>	<i>System</i>	<i>o</i> * ₃	<i>l</i> * ₃	<i>v</i> * ₃	<i>e</i> *	<i>t</i> *	<i>c</i> *	<i>h</i> *	<i>n</i> *	<i>w</i> *	<i>LCH</i> * _{CIE}		<i>a</i> * <i>b</i> * _{CIE}		<i>XYZ</i> _{CIE}		<i>xy</i> _{CIE}		<i>XYZ</i> _{RGB}		<i>RGB</i> ' _{sRGB}			<i>RGB</i> ' _{AdobeRGB}					
0	2	TLS11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	11.0	0.0	0.0	0.0	0.0	1.2	1.3	1.4	0.313	0.313	0.014	0.014	0.015	0.124	0.124	0.124	0.145	0.145	0.145
1	2	TLS11	0.0	0.0	0.5	0.778	0.25	0.5	0.848	0.5	0.0	16.5	60.7	305.3	35.0	−49.4	4.1	2.2	16.0	0.183	0.183	0.046	0.025	0.181	0.156	0.096	0.472	0.16	0.12	0.46
2	2	TLS11	0.0	0.0	1.0	0.778	0.5	1.0	0.848	0.0	0.0	33.1	121.3	305.3	70.0	−99.0	17.0	7.6	84.4	0.156	0.156	0.191	0.085	0.952	0.125	0.124	1.0	0.145	0.144	0.981
3	2	TLS11	0.0	0.5	0.0	0.308	0.25	0.5	0.379	0.5	0.0	41.9	55.8	136.5	−40.3	38.4	7.0	12.4	3.2	0.309	0.309	0.079	0.14	0.036	0.156	0.472	0.12	0.296	0.469	0.171
4	2	TLS11	0.0	0.5	0.5	0.475	0.25	0.5	0.546	0.5	0.0	43.5	23.6	196.4	−22.5	−6.6	9.7	13.5	17.8	0.237	0.237	0.11	0.152	0.2	0.158	0.471	0.469	0.296	0.467	0.466
5	2	TLS11	0.0	0.5	1.0	0.628	0.5	1.0	0.697	0.0	0.0	60.0	84.3	250.8	−27.6	−79.5	20.5	28.2	127.3	0.117	0.117	0.232	0.318	1.437	−5.861	0.688	1.183	−0.482	0.682	1.174
6	2	TLS11	0.0	1.0	0.0	0.308	0.5	1.0	0.379	0.0	0.0	83.8	111.5	136.5	−80.7	76.8	32.4	63.7	11.8	0.301	0.301	0.366	0.719	0.133	0.126	1.0	0.124	0.574	1.0	0.267
7	2	TLS11	0.0	1.0	0.5	0.392	0.5	1.0	0.462	0.0	0.0	85.4	79.4	166.4	−77.0	18.6	35.5	66.8	51.9	0.23	0.23	0.4	0.754	0.586	−1.99	1.022	0.727	0.469	1.023	0.737
8	2	TLS11	0.0	1.0	1.0	0.475	0.5	1.0	0.546	0.0	0.0	87.0	47.2	196.4	−45.2	−13.2	48.2	70.0	94.8	0.226	0.226	0.544	0.79	1.069	0.128	1.0	1.0	0.574	1.0	1.0
9	2	TLS11	0.5	0.0	0.0	0.033	0.25	0.5	0.103	0.5	0.0	25.8	46.4	37.0	37.1	27.9	7.8	4.7	1.2	0.571	0.571	0.088	0.053	0.013	0.482	0.125	0.087	0.416	0.145	0.114
10	2	TLS11	0.5	0.0	0.5	0.842	0.25	0.5	0.912	0.5	0.0	29.1	54.0	328.1	45.9	−28.4	10.5	5.9	16.3	0.322	0.322	0.119	0.066	0.184	0.475	0.137	0.471	0.412	0.155	0.459
11	2	TLS11	0.5	0.0	1.0	0.811	0.5	1.0	0.88	0.0	0.0	45.6	114.7	316.7	83.5	−78.6	32.3	15.0	86.0	0.242	0.242	0.365	0.169	0.971	0.693	0.051	1.005	0.591	0.08	0.987
12	2	TLS11	0.5	0.5	0.0	0.217	0.25	0.5	0.286	0.5	0.0	46.3	45.0	103.1	−10.1	43.9	13.1	15.5	3.5	0.409	0.409	0.148	0.175	0.04	0.475	0.469	0.125	0.47	0.466	0.174
13	2	TLS11	0.5	0.5	0.5	0.0	0.5	0.0	0.0	0.5	0.5	53.2	0.0	0.0	0.0	0.0	20.2	21.2	23.1	0.313	0.313	0.228	0.24	0.261	0.527	0.527	0.527	0.522	0.522	0.522
14	2	TLS11	0.5	0.5	1.0	0.778	0.75	0.5	0.848	0.0	0.5	64.2	60.7	305.3	35.0	−49.4	42.0	33.1	90.3	0.254	0.254	0.474	0.373	1.019	0.704	0.569	1.012	0.663	0.564	0.998
15	2	TLS11	0.5	1.0	0.0	0.264	0.5	1.0	0.333	0.0	0.0	88.3	100.8	119.8	−49.9	87.5	48.4	72.6	10.7	0.368	0.368	0.547	0.819	0.121	0.702	1.006	−0.119	0.799	1.006	0.211
16	2	TLS11	0.5	1.0	0.5	0.308	0.75	0.5	0.379	0.0	0.5	89.6	55.8	136.5	−40.3	38.4	54.3	75.5	40.4	0.319	0.319	0.612	0.852	0.456	0.7	1.01	0.62	0.8	1.01	0.636
17	2	TLS11	0.5	1.0	1.0	0.475	0.75	0.5	0.546	0.0	0.5	91.2	23.6	196.4	−22.5	−6.6	64.5	78.9	95.6	0.27	0.27	0.728	0.891	1.079	0.703	1.005	1.0	0.8	1.005	1.0
18	2	TLS11	1.0	0.0	0.0	0.033	0.5	1.0	0.103	0.0	0.0	51.7	92.9	37.0	74.2	55.8	37.2	19.8	3.1	0.619	0.619	0.42	0.224	0.035	1.0	0.126	0.124	0.861	0.145	0.145
19	2	TLS11	1.0	0.0	0.5	0.939	0.5	1.0	0.007	0.0	0.0	54.9	100.5	2.6	100.4	4.5	50.9	22.8	22.2	0.53	0.53	0.574	0.258	0.251	1.137	−0.804	0.532	0.972	−0.283	0.515
20	2	TLS11	1.0	0.0	1.0	0.842	0.5	1.0	0.912	0.0	0.0	58.2	108.1	328.1	91.8	−56.9	53.0	26.1	86.1	0.321	0.321	0.598	0.295	0.971	1.0	0.126	1.0	0.861	0.145	0.981
21	2	TLS11	1.0	0.5	0.0	0.125	0.5	1.0	0.194	0.0	0.0	72.2	91.5	70.0	31.3	86.0	52.9	43.9	3.9	0.525	0.525	0.597	0.496	0.044	1.064	0.629	−0.271	0.965	0.623	−0.094
22	2	TLS11	1.0	0.5	0.5	0.033	0.75	0.5	0.103	0.0	0.5	73.5	46.4	37.0	37.1	27.9	57.6	46.0	27.5	0.439	0.439	0.65	0.519	0.311	1.064	0.632	0.546	0.966	0.626	0.544
23	2	TLS11	1.0	0.5	1.0	0.842	0.75	0.5	0.912	0.0	0.5	76.8	54.0	328.1	45.9	−28.4	67.4	51.2	91.2	0.321	0.321	0.761	0.578	1.029	1.028	0.657	1.005	0.94	0.651	0.994
24	2	TLS11	1.0	1.0	0.0	0.217	0.5	1.0	0.286	0.0	0.0	92.7	90.1	103.1	−20.2	87.8	68.5	82.3	13.5	0.417	0.417	0.773	0.929	0.152	1.0	1.0	0.124	1.0	1.0	0.267
25	2	TLS11	1.0	1.0	0.5	0.217	0.75	0.5	0.286	0.0	0.5	94.1	45.0	103.1	−10.1	43.9	76.1	85.4	42.2	0.373	0.373	0.858	0.964	0.477	1.027	0.998	0.63	1.02	0.998	0.645
26	2	TLS11	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	95.4	0.0	0.0	0.0	0.0	84.2	88.6	96.5	0.313	0.313	0.95	1.0	1.089	1.0	1.0	1.0	1.0	1.0	1.0

See for similar files: <http://www.ps.bam.de/YE42/>
Technical information: <http://www.ps.bam.de> Version 2.1, io=1,1



%Gamut
 $u^*_{rel} = 118$
%Regularity
 $g^*_{H,rel} = 22$
 $g^*_{C,rel} = 40$

TLS18					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	52.76	71.63	49.88	87.29	35
Y _M	92.74	-20.02	84.97	87.3	103
L _M	84.0	-78.98	73.94	108.2	137
C _M	87.14	-44.41	-13.11	46.32	196
V _M	35.47	64.92	-95.06	115.12	304
M _M	59.01	89.33	-55.67	105.26	328
N _M	18.01	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272



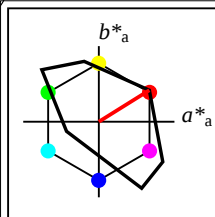
%Gamut
 $u^*_{rel} = 118$
%Regularity
 $g^*_{H,rel} = 22$
 $g^*_{C,rel} = 40$

TLS18a; adapted CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	52.76	71.63	49.88	87.29	35
Y _{Ma}	92.74	-20.02	84.97	87.3	103
L _{Ma}	84.0	-78.98	73.94	108.2	137
C _{Ma}	87.14	-44.41	-13.11	46.32	196
V _{Ma}	35.47	64.92	-95.06	115.12	304
M _{Ma}	59.01	89.33	-55.67	105.26	328
N _{Ma}	18.01	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

BAM registration: 20061101-YE42/10L/L42E00NP.PS/.PDF BAM material: code=rh4ta
application for evaluation and measurement of printer or monitor systems
/YE42/ Form: 7/8, Serie: 1/1, Page: 7 Page count: 1

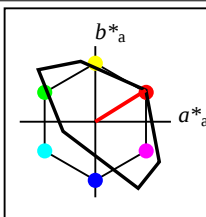
Data of 3x3x3=27 colors in colorimetric system TLS18; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

<i>n</i>	<i>no.</i>	<i>System</i>	<i>o</i> * ₃	<i>l</i> * ₃	<i>v</i> * ₃	<i>e</i> *	<i>t</i> *	<i>c</i> *	<i>h</i> *	<i>n</i> *	<i>w</i> *	<i>LCH</i> *CIE		<i>a</i> * <i>b</i> *CIE		<i>XYZ</i> CIE		<i>xy</i> CIE		<i>XYZ</i> RGB		<i>RGB</i> ' _{sRGB}			<i>RGB</i> ' _{AdobeRGB}						
0	3	TLS18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	18.0	0.0	0.0	0.0	2.4	2.5	2.7	0.313	0.313	0.027	0.028	0.031	0.184	0.184	0.184	0.198	0.198	0.198		
1	3	TLS18	0.0	0.0	0.5	0.775	0.25	0.5	0.845	0.5	0.0	17.7	57.6	304.3	32.5	-47.4	4.3	2.5	16.1	0.188	0.188	0.048	0.028	0.181	0.166	0.117	0.472	0.17	0.138	0.46	
2	3	TLS18	0.0	0.0	1.0	0.775	0.5	1.0	0.845	0.0	0.0	35.5	115.1	304.3	64.9	-95.0	17.9	8.7	84.5	0.161	0.161	0.202	0.099	0.954	0.185	0.185	1.0	0.199	0.198	0.981	
3	3	TLS18	0.0	0.5	0.0	0.311	0.25	0.5	0.38	0.5	0.0	42.0	54.1	136.9	-39.4	37.0	7.1	12.5	3.4	0.308	0.308	0.08	0.141	0.038	0.166	0.472	0.135	0.299	0.468	0.181	
4	3	TLS18	0.0	0.5	0.5	0.475	0.25	0.5	0.546	0.5	0.0	43.6	23.2	196.5	-22.1	-6.5	9.8	13.5	17.8	0.239	0.239	0.111	0.153	0.2	0.168	0.471	0.469	0.3	0.467	0.466	
5	3	TLS18	0.0	0.5	1.0	0.625	0.5	1.0	0.696	0.0	0.0	61.3	80.7	250.4	-27.0	-75.9	21.8	29.6	124.8	0.124	0.124	0.246	0.334	1.409	-5.403	0.699	1.171	-0.448	0.693	1.163	
6	3	TLS18	0.0	1.0	0.0	0.311	0.5	1.0	0.38	0.0	0.0	84.0	108.2	136.9	-78.9	73.9	33.2	64.1	13.0	0.301	0.301	0.374	0.723	0.147	0.186	1.0	0.184	0.583	1.0	0.295	
7	3	TLS18	0.0	1.0	0.5	0.394	0.5	1.0	0.463	0.0	0.0	85.6	77.3	166.7	-75.1	17.8	36.3	67.1	53.0	0.232	0.232	0.409	0.758	0.598	-1.766	1.022	0.736	0.482	1.022	0.745	
8	3	TLS18	0.0	1.0	1.0	0.475	0.5	1.0	0.546	0.0	0.0	87.1	46.3	196.5	-44.3	-13.0	48.7	70.3	94.8	0.228	0.228	0.55	0.793	1.07	0.187	1.0	1.0	0.583	1.0	1.0	
9	3	TLS18	0.5	0.0	0.0	0.028	0.25	0.5	0.097	0.5	0.0	26.4	43.6	34.9	35.8	24.9	7.9	4.9	1.5	0.554	0.554	0.09	0.055	0.017	0.481	0.139	0.111	0.417	0.158	0.134	
10	3	TLS18	0.5	0.0	0.5	0.842	0.25	0.5	0.911	0.5	0.0	29.5	52.6	328.1	44.7	-27.7	10.6	6.0	16.3	0.322	0.322	0.12	0.068	0.185	0.475	0.149	0.471	0.412	0.166	0.46	
11	3	TLS18	0.5	0.0	1.0	0.808	0.5	1.0	0.878	0.0	0.0	47.2	110.2	316.2	79.5	-76.2	33.2	16.2	86.6	0.244	0.244	0.375	0.183	0.978	0.698	0.155	1.007	0.599	0.171	0.989	
12	3	TLS18	0.5	0.5	0.0	0.217	0.25	0.5	0.287	0.5	0.0	46.4	43.6	103.3	-9.9	42.5	13.2	15.5	3.7	0.406	0.406	0.149	0.175	0.042	0.475	0.469	0.139	0.47	0.466	0.184	
13	3	TLS18	0.5	0.5	0.5	0.0	0.5	0.0	0.0	0.5	0.5	56.7	0.0	0.0	0.0	0.0	23.4	24.6	26.8	0.313	0.313	0.264	0.278	0.303	0.564	0.564	0.564	0.559	0.559	0.559	
14	3	TLS18	0.5	0.5	1.0	0.775	0.75	0.5	0.845	0.0	0.5	65.4	57.6	304.3	32.5	-47.4	42.9	34.6	90.4	0.255	0.255	0.484	0.391	1.02	0.708	0.589	1.011	0.671	0.584	0.998	
15	3	TLS18	0.5	1.0	0.0	0.264	0.5	1.0	0.334	0.0	0.0	88.4	97.7	120.1	-48.9	84.6	49.0	72.8	11.8	0.367	0.367	0.553	0.822	0.133	0.709	1.005	0.05	0.804	1.005	0.245	
16	3	TLS18	0.5	1.0	0.5	0.311	0.75	0.5	0.38	0.0	0.5	89.7	54.1	136.9	-39.4	37.0	54.8	75.7	41.7	0.318	0.318	0.618	0.854	0.471	0.706	1.01	0.633	0.803	1.01	0.648	
17	3	TLS18	0.5	1.0	1.0	0.475	0.75	0.5	0.546	0.0	0.5	91.3	23.2	196.5	-22.1	-6.5	64.9	79.1	95.6	0.271	0.271	0.732	0.893	1.079	0.71	1.004	1.0	0.803	1.005	1.0	
18	3	TLS18	1.0	0.0	0.0	0.028	0.5	1.0	0.097	0.0	0.0	52.8	87.3	34.9	71.6	49.9	37.9	20.8	4.4	0.6	0.6	0.428	0.235	0.05	1.0	0.185	0.184	0.863	0.198	0.198	
19	3	TLS18	1.0	0.0	0.5	0.933	0.5	1.0	0.004	0.0	0.0	55.9	96.3	1.5	96.2	2.4	50.9	23.8	24.4	0.514	0.514	0.575	0.269	0.276	1.126	-0.534	0.555	0.966	-0.235	0.538	
20	3	TLS18	1.0	0.0	1.0	0.842	0.5	1.0	0.911	0.0	0.0	59.0	105.3	328.1	89.3	-55.6	53.4	27.0	86.2	0.321	0.321	0.603	0.305	0.973	1.0	0.185	1.0	0.863	0.198	0.981	
21	3	TLS18	1.0	0.5	0.0	0.122	0.5	1.0	0.192	0.0	0.0	72.7	87.3	69.1	31.2	81.5	53.9	44.8	5.0	0.52	0.52	0.608	0.505	0.056	1.069	0.636	-0.127	0.97	0.63	0.093	
22	3	TLS18	1.0	0.5	0.5	0.028	0.75	0.5	0.097	0.0	0.5	74.1	43.6	34.9	35.8	24.9	58.0	46.8	30.2	0.43	0.43	0.655	0.529	0.341	1.059	0.643	0.574	0.963	0.637	0.571	
23	3	TLS18	1.0	0.5	1.0	0.842	0.75	0.5	0.911	0.0	0.5	77.2	52.6	328.1	44.7	-27.7	67.7	51.9	91.2	0.321	0.321	0.764	0.586	1.03	1.026	0.666	1.005	0.94	0.66	0.994	
24	3	TLS18	1.0	1.0	0.0	0.217	0.5	1.0	0.287	0.0	0.0	92.7	87.3	103.3	-19.9	85.0	68.7	82.4	14.7	0.414	0.414	0.775	0.93	0.166	1.0	1.0	0.184	1.0	1.0	0.295	
25	3	TLS18	1.0	1.0	0.5	0.217	0.75	0.5	0.287	0.0	0.5	94.1	43.6	103.3	-9.9	42.5	76.2	85.4	43.5	0.371	0.371	0.86	0.964	0.491	1.026	0.998	0.642	1.019	0.998	0.656	
26	3	TLS18	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	95.4	0.0	0.0	0.0	0.0	84.2	88.6	96.5	0.313	0.313	0.95	1.0	1.089	1.0	1.0	1.0	1.0	1.0	1.0	



%Gamut
 $u^*_{\text{rel}} = 98$
%Regularity
 $g^*_{\text{H,rel}} = 24$
 $g^*_{\text{C,rel}} = 43$

TLS28					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	54.88	66.84	41.69	78.78	32
Y _M	92.82	-19.38	79.81	82.13	104
L _M	84.37	-75.38	68.76	102.04	138
C _M	87.4	-42.71	-12.69	44.57	197
V _M	39.7	56.66	-88.01	104.68	303
M _M	60.64	84.61	-53.07	99.88	328
N _M	26.85	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

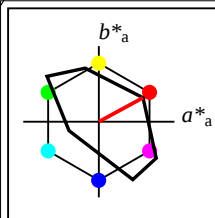


%Gamut
 $u^*_{\text{rel}} = 98$
%Regularity
 $g^*_{\text{H,rel}} = 24$
 $g^*_{\text{C,rel}} = 43$

TLS28a; adapted CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	54.88	66.84	41.69	78.78	32
Y _{Ma}	92.82	-19.38	79.81	82.13	104
L _{Ma}	84.37	-75.38	68.76	102.04	138
C _{Ma}	87.4	-42.71	-12.69	44.57	197
V _{Ma}	39.7	56.66	-88.01	104.68	303
M _{Ma}	60.64	84.61	-53.07	99.88	328
N _{Ma}	26.85	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

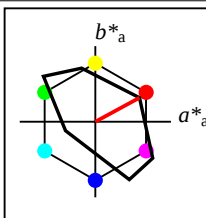
Data of 3x3x3=27 colors in colorimetric system TLS28; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

n	no.	System	ρ^*_3	l^*_3	v^*_3	e^*	t^*	c^*	h^*	n^*	w^*	LCH^*_{CIE}		$a^*b^*_{CIE}$		XYZ_{CIE}		xy_{CIE}		XYZ_{RGB}		RGB'_{sRGB}			$RGB'_{AdobeRGB}$						
0	4	TLS28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	26.9	0.0	0.0	0.0	4.8	5.0	5.5	0.313	0.313	0.054	0.057	0.062	0.265	0.265	0.265	0.272	0.272	0.272		
1	4	TLS28	0.0	0.0	0.5	0.772	0.25	0.5	0.841	0.5	0.0	19.9	52.3	302.8	28.3	-43.9	4.6	3.0	16.1	0.196	0.196	0.052	0.033	0.182	0.183	0.148	0.471	0.189	0.166	0.46	
2	4	TLS28	0.0	0.0	1.0	0.772	0.5	1.0	0.841	0.0	0.0	39.7	104.7	302.8	56.7	-87.9	19.9	11.1	84.9	0.172	0.172	0.224	0.125	0.958	0.265	0.265	1.0	0.272	0.272	0.982	
3	4	TLS28	0.0	0.5	0.0	0.314	0.25	0.5	0.382	0.5	0.0	42.2	51.0	137.6	-37.6	34.4	7.4	12.6	3.9	0.308	0.308	0.083	0.142	0.044	0.184	0.471	0.161	0.306	0.468	0.2	
4	4	TLS28	0.0	0.5	0.5	0.478	0.25	0.5	0.546	0.5	0.0	43.7	22.3	196.6	-21.3	-6.3	10.0	13.6	17.8	0.241	0.241	0.113	0.154	0.201	0.186	0.47	0.469	0.306	0.467	0.466	
5	4	TLS28	0.0	0.5	1.0	0.625	0.5	1.0	0.694	0.0	0.0	63.6	74.6	249.7	-25.8	-69.9	24.2	32.3	121.0	0.136	0.136	0.273	0.364	1.365	-4.582	0.718	1.153	-0.378	0.713	1.145	
6	4	TLS28	0.0	1.0	0.0	0.314	0.5	1.0	0.382	0.0	0.0	84.4	102.0	137.6	-75.3	68.8	34.7	64.8	15.4	0.302	0.302	0.391	0.731	0.174	0.265	1.0	0.264	0.6	1.0	0.344	
7	4	TLS28	0.0	1.0	0.5	0.394	0.5	1.0	0.464	0.0	0.0	85.9	73.3	167.1	-71.4	16.4	37.8	67.8	55.0	0.235	0.235	0.427	0.765	0.621	-1.323	1.02	0.751	0.507	1.021	0.759	
8	4	TLS28	0.0	1.0	1.0	0.478	0.5	1.0	0.546	0.0	0.0	87.4	44.6	196.6	-42.6	-12.6	49.8	70.8	94.8	0.231	0.231	0.562	0.799	1.07	0.266	1.0	1.0	0.601	1.0	1.0	
9	4	TLS28	0.5	0.0	0.0	0.019	0.25	0.5	0.089	0.5	0.0	27.4	39.4	32.0	33.4	20.8	8.2	5.3	2.1	0.525	0.525	0.092	0.059	0.024	0.48	0.164	0.146	0.417	0.179	0.164	
10	4	TLS28	0.5	0.0	0.5	0.842	0.25	0.5	0.911	0.5	0.0	30.3	49.9	327.9	42.3	-26.4	10.8	6.4	16.4	0.321	0.321	0.122	0.072	0.185	0.475	0.171	0.47	0.414	0.186	0.46	
11	4	TLS28	0.5	0.0	1.0	0.806	0.5	1.0	0.876	0.0	0.0	50.2	102.3	315.3	72.7	-71.8	34.9	18.6	87.6	0.247	0.247	0.394	0.209	0.988	0.709	0.255	1.01	0.616	0.262	0.993	
12	4	TLS28	0.5	0.5	0.0	0.219	0.25	0.5	0.288	0.5	0.0	46.4	41.1	103.7	-9.6	39.9	13.3	15.6	4.2	0.401	0.401	0.15	0.176	0.048	0.474	0.469	0.164	0.47	0.466	0.202	
13	4	TLS28	0.5	0.5	0.5	0.0	0.5	0.0	0.0	0.5	0.5	61.1	0.0	0.0	0.0	0.0	27.9	29.4	32.0	0.313	0.313	0.315	0.332	0.361	0.611	0.611	0.611	0.606	0.606	0.606	
14	4	TLS28	0.5	0.5	1.0	0.772	0.75	0.5	0.841	0.0	0.5	67.6	52.3	302.8	28.3	-43.9	44.6	37.4	90.6	0.258	0.258	0.503	0.422	1.022	0.717	0.623	1.01	0.686	0.617	0.997	
15	4	TLS28	0.5	1.0	0.0	0.267	0.5	1.0	0.335	0.0	0.0	88.6	92.1	120.6	-46.8	79.2	50.1	73.3	14.1	0.364	0.364	0.566	0.827	0.159	0.723	1.005	0.192	0.812	1.005	0.3	
16	4	TLS28	0.5	1.0	0.5	0.314	0.75	0.5	0.382	0.0	0.5	89.9	51.0	137.6	-37.6	34.4	55.8	76.1	44.3	0.317	0.317	0.63	0.859	0.5	0.717	1.009	0.656	0.81	1.009	0.67	
17	4	TLS28	0.5	1.0	1.0	0.478	0.75	0.5	0.546	0.0	0.5	91.4	22.3	196.6	-21.3	-6.3	65.5	79.4	95.6	0.272	0.272	0.739	0.896	1.079	0.722	1.004	1.0	0.811	1.004	1.0	
18	4	TLS28	1.0	0.0	0.0	0.019	0.5	1.0	0.089	0.0	0.0	54.9	78.8	32.0	66.8	41.7	39.3	22.8	7.1	0.567	0.567	0.443	0.257	0.08	1.0	0.265	0.265	0.867	0.272	0.272	
19	4	TLS28	1.0	0.0	0.5	0.931	0.5	1.0	1.0	0.0	0.0	57.8	89.3	359.9	89.3	0.0	51.4	25.7	28.1	0.488	0.488	0.58	0.29	0.317	1.112	-0.052	0.591	0.958	-0.084	0.574	
20	4	TLS28	1.0	0.0	1.0	0.842	0.5	1.0	0.911	0.0	0.0	60.6	99.9	327.9	84.6	-53.0	54.3	28.8	86.5	0.32	0.32	0.613	0.326	0.976	1.0	0.265	1.0	0.867	0.272	0.982	
21	4	TLS28	1.0	0.5	0.0	0.119	0.5	1.0	0.188	0.0	0.0	73.8	80.5	67.8	30.4	74.5	55.4	46.5	7.1	0.509	0.509	0.625	0.524	0.08	1.075	0.651	0.114	0.978	0.645	0.195	
22	4	TLS28	1.0	0.5	0.5	0.019	0.75	0.5	0.089	0.0	0.5	75.1	39.4	32.0	33.4	20.8	58.9	48.5	34.5	0.415	0.415	0.665	0.548	0.389	1.051	0.665	0.615	0.96	0.658	0.612	
23	4	TLS28	1.0	0.5	1.0	0.842	0.75	0.5	0.911	0.0	0.5	78.0	49.9	327.9	42.3	-26.4	68.2	53.3	91.4	0.32	0.32	0.77	0.601	1.032	1.024	0.684	1.005	0.942	0.677	0.994	
24	4	TLS28	1.0	1.0	0.0	0.219	0.5	1.0	0.288	0.0	0.0	92.8	82.1	103.7	-19.3	79.8	69.1	82.6	17.1	0.41	0.41	0.78	0.932	0.193	1.0	1.0	0.264	1.0	1.0	0.344	
25	4	TLS28	1.0	1.0	0.5	0.219	0.75	0.5	0.288	0.0	0.5	94.1	41.1	103.7	-9.6	39.9	76.4	85.5	45.9	0.368	0.368	0.863	0.965	0.518	1.023	0.999	0.664	1.017	0.998	0.676	
26	4	TLS28	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	95.4	0.0	0.0	0.0	0.0	84.2	88.6	96.5	0.313	0.313	0.95	1.0	1.089	1.0	1.0	1.0	1.0	1.0	1.0	



%Gamut
 $u^*_{rel} = 72$
%Regularity
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

TLS38					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	58.77	58.45	31.73	66.51	28
Y _M	92.98	-18.1	70.81	73.09	104
L _M	85.11	-68.57	60.02	91.14	139
C _M	87.92	-39.41	-11.86	41.17	197
V _M	46.64	44.93	-76.55	88.77	300
M _M	63.71	75.92	-48.21	89.94	328
N _M	37.99	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

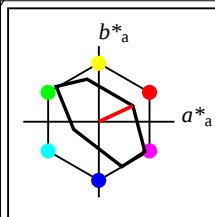


%Gamut
 $u^*_{rel} = 72$
%Regularity
 $g^*_{H,rel} = 26$
 $g^*_{C,rel} = 45$

TLS38a; adapted CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	58.77	58.45	31.73	66.51	28
Y _{Ma}	92.98	-18.1	70.81	73.09	104
L _{Ma}	85.11	-68.57	60.02	91.14	139
C _{Ma}	87.92	-39.41	-11.86	41.17	197
V _{Ma}	46.64	44.93	-76.55	88.77	300
M _{Ma}	63.71	75.92	-48.21	89.94	328
N _{Ma}	37.99	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

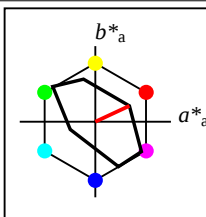
Data of 3x3x3=27 colors in colorimetric system TLS38; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

n	no.	System	ρ^*_3	l^*_3	v^*_3	e^*	t^*	c^*	h^*	n^*	w^*	LCH^*_{CIE}	$a^*b^*_{CIE}$	XYZ_{CIE}	xy_{CIE}	XYZ_{RGB}	RGB'_{sRGB}	$RGB'_{AdobeRGB}$	
0	5	TLS38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	38.0 0.0 0.0	0.0 0.0 0.0	9.6 10.1 11.0	0.313 0.313 0.108	0.114 0.124 0.372	0.372 0.372 0.372	0.372 0.372 0.372	
1	5	TLS38	0.0	0.0	0.5	0.764	0.25	0.5	0.834	0.5	0.0	23.3 44.4 300.4	22.5 -38.2 5.4	3.9 16.2 0.211	0.211 0.061 0.044	0.183 0.214 0.194	0.471 0.22 0.207	0.461	
2	5	TLS38	0.0	0.0	1.0	0.764	0.5	1.0	0.834	0.0	0.0	46.6 88.8 300.4	44.9 -76.5 23.8	15.7 85.6 0.19	0.19 0.268 0.178	0.966 0.372 0.372	1.0 0.372 0.372	0.983	
3	5	TLS38	0.0	0.5	0.0	0.317	0.25	0.5	0.386	0.5	0.0	42.6 45.6 138.8	-34.2 30.0 7.9	12.9 4.9 0.308	0.308 0.089 0.145	0.055 0.215 0.471	0.201 0.319 0.468	0.231	
4	5	TLS38	0.0	0.5	0.5	0.478	0.25	0.5	0.547	0.5	0.0	44.0 20.6 196.8	-19.6 -5.8 10.3	13.8 17.8 0.247	0.247 0.117 0.156	0.201 0.217 0.47	0.469 0.319 0.467	0.466	
5	5	TLS38	0.0	0.5	1.0	0.622	0.5	1.0	0.691	0.0	0.0	67.3 65.0 248.6	-23.6 -60.4 28.6	37.0 115.7 0.158	0.158 0.323 0.418	1.306 -3.166 0.751	1.127 -0.189 0.746	1.119	
6	5	TLS38	0.0	1.0	0.0	0.317	0.5	1.0	0.386	0.0	0.0	85.1 91.1 138.8	-68.5 60.0 37.7	66.2 20.3 0.303	0.303 0.425 0.747	0.229 0.372 1.0	0.371 0.633 1.0	0.422	
7	5	TLS38	0.0	1.0	0.5	0.397	0.5	1.0	0.466	0.0	0.0	86.5 66.2 167.8	-64.6 14.0 40.8	69.0 58.7 0.242	0.242 0.461 0.779	0.662 -0.45 1.018	0.778 0.553 1.019	0.784	
8	5	TLS38	0.0	1.0	1.0	0.478	0.5	1.0	0.547	0.0	0.0	87.9 41.2 196.8	-39.3 -11.8 51.8	71.9 94.9 0.237	0.237 0.585 0.812	1.071 0.373 1.0	1.0 0.634 1.0	1.0	
9	5	TLS38	0.5	0.0	0.0	0.008	0.25	0.5	0.079	0.5	0.0	29.4 33.3 28.5	29.2 15.9 8.6	6.0 3.3 0.482	0.482 0.098 0.068	0.037 0.477 0.202	0.193 0.42 0.214	0.207	
10	5	TLS38	0.5	0.0	0.5	0.842	0.25	0.5	0.91	0.5	0.0	31.9 45.0 327.6	38.0 -24.0 11.1	7.0 16.5 0.32	0.32 0.125 0.079	0.186 0.474 0.207	0.47 0.417 0.218	0.46	
11	5	TLS38	0.5	0.0	1.0	0.803	0.5	1.0	0.872	0.0	0.0	55.2 89.4 314.0	62.1 -64.2 38.2	23.1 89.0 0.254	0.254 0.431 0.261	1.005 0.731 0.371	1.014 0.648 0.372	0.998	
12	5	TLS38	0.5	0.5	0.0	0.219	0.25	0.5	0.29	0.5	0.0	46.5 36.5 104.3	-9.0 35.4 13.4	15.6 5.2 0.392	0.392 0.151 0.176	0.058 0.473 0.469	0.203 0.469 0.466	0.232	
13	5	TLS38	0.5	0.5	0.5	0.0	0.5	0.0	0.0	0.5	0.5	66.7 0.0 0.0	0.0 0.0 0.0	34.4 36.2 39.5	0.313 0.313 0.389	0.409 0.445 0.672	0.672 0.666 0.666	0.666	
14	5	TLS38	0.5	0.5	1.0	0.764	0.75	0.5	0.834	0.0	0.5	71.0 44.4 300.4	22.5 -38.2 47.8	42.2 90.9 0.264	0.264 0.539 0.477	1.026 0.738 0.676	1.008 0.715 0.67	0.997	
15	5	TLS38	0.5	1.0	0.0	0.269	0.5	1.0	0.338	0.0	0.0	89.0 82.1 121.6	-42.9 70.0 52.3	74.3 18.7 0.36	0.36 0.591 0.838	0.211 0.748 1.004	0.323 0.827 1.004	0.386	
16	5	TLS38	0.5	1.0	0.5	0.317	0.75	0.5	0.386	0.0	0.5	90.3 45.6 138.8	-34.2 30.0 57.9	76.9 48.9 0.315	0.315 0.653 0.868	0.552 0.74 1.008	0.697 0.823 1.008	0.707	
17	5	TLS38	0.5	1.0	1.0	0.478	0.75	0.5	0.547	0.0	0.5	91.7 20.6 196.8	-19.6 -5.8 66.7	80.0 95.7 0.275	0.275 0.753 0.902	1.08 0.745 1.004	1.0 0.825 1.004	1.0	
18	5	TLS38	1.0	0.0	0.0	0.008	0.5	1.0	0.079	0.0	0.0	58.8 66.5 28.5	58.5 31.7 42.0	26.8 12.5 0.517	0.517 0.474 0.302	0.141 1.0 0.372	0.372 0.876 0.372	0.372	
19	5	TLS38	1.0	0.0	0.5	0.925	0.5	1.0	0.995	0.0	0.0	61.2 78.2 358.0	78.2 -2.6 52.8	29.5 34.1 0.454	0.454 0.596 0.333	0.385 1.094 0.279	0.644 0.951 0.285	0.628	
20	5	TLS38	1.0	0.0	1.0	0.842	0.5	1.0	0.91	0.0	0.0	63.7 89.9 327.6	75.9 -48.1 56.1	32.4 87.1 0.32	0.32 0.634 0.366	0.983 1.0 0.372	1.0 0.876 0.372	0.983	
21	5	TLS38	1.0	0.5	0.0	0.114	0.5	1.0	0.185	0.0	0.0	75.9 69.8 66.4	27.9 64.0 57.9	49.7 11.5 0.487	0.487 0.654 0.561	0.129 1.08 0.683	0.269 0.988 0.677	0.306	
22	5	TLS38	1.0	0.5	0.5	0.008	0.75	0.5	0.079	0.0	0.5	77.1 33.3 28.5	29.2 15.9 60.7	51.7 41.2 0.395	0.395 0.685 0.583	0.465 1.039 0.702	0.673 0.957 0.696	0.668	
23	5	TLS38	1.0	0.5	1.0	0.842	0.75	0.5	0.91	0.0	0.5	79.6 45.0 327.6	38.0 -24.0 69.2	55.9 91.7 0.319	0.319 0.781 0.631	1.035 1.02 0.715	1.004 0.944 0.709	0.994	
24	5	TLS38	1.0	1.0	0.0	0.219	0.5	1.0	0.29	0.0	0.0	93.0 73.1 104.3	-18.0 70.8 70.0	82.9 21.8 0.401	0.401 0.791 0.936	0.247 1.0 0.372	1.0 1.0 0.372	0.422	
25	5	TLS38	1.0	1.0	0.5	0.219	0.75	0.5	0.29	0.0	0.5	94.2 36.5 104.3	-9.0 35.4 76.9	85.7 50.3 0.361	0.361 0.868 0.968	0.568 1.019 0.999	0.702 1.013 0.999	0.712	
26	5	TLS38	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	95.4 0.0 0.0	0.0 0.0 84.2	88.6 96.5 0.313	0.313 0.95 1.0	1.089 1.0 1.0	1.0 1.0 1.0	1.0	



%Gamut
 $u^*_{rel} = 43$
%Regularity
 $g^*_{H,rel} = 30$
 $g^*_{C,rel} = 48$

TLS50					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _M	65.53	45.06	20.98	49.7	25
Y _M	93.3	-15.6	56.27	58.4	106
L _M	86.55	-56.3	46.52	73.04	140
C _M	88.94	-33.18	-10.23	34.73	197
V _M	57.17	30.66	-59.39	66.85	297
M _M	69.22	60.95	-39.56	72.67	327
N _M	52.02	0.0	0.0	0.0	0
W _M	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

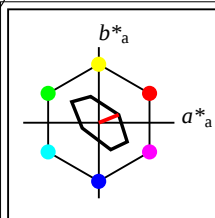


%Gamut
 $u^*_{rel} = 43$
%Regularity
 $g^*_{H,rel} = 30$
 $g^*_{C,rel} = 48$

TLS50a; adapted CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O _{Ma}	65.53	45.06	20.98	49.7	25
Y _{Ma}	93.3	-15.6	56.27	58.4	106
L _{Ma}	86.55	-56.3	46.52	73.04	140
C _{Ma}	88.94	-33.18	-10.23	34.73	197
V _{Ma}	57.17	30.66	-59.39	66.85	297
M _{Ma}	69.22	60.95	-39.56	72.67	327
N _{Ma}	52.02	0.0	0.0	0.0	0
W _{Ma}	95.41	0.0	0.0	0.0	0
R _{CIE}	39.92	58.74	27.99	65.07	25
J _{CIE}	81.26	-2.88	71.56	71.62	92
G _{CIE}	52.23	-42.41	13.6	44.55	162
B _{CIE}	30.57	1.41	-46.46	46.49	272

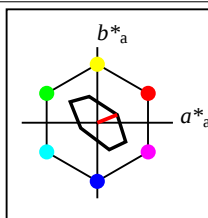
Data of 3x3x3=27 colors in colorimetric system TLS50; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

n	no.	System	ρ^*_3	l^*_3	v^*_3	e^*	t^*	c^*	h^*	n^*	w^*	LCH^*_{CIE}		$a^*b^*_{CIE}$		XYZ_{CIE}		xy_{CIE}		XYZ_{RGB}		RGB'_{sRGB}			$RGB'_{AdobeRGB}$						
0	6	TLS50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	52.0	0.0	0.0	0.0	0.0	19.2	20.2	22.0	0.313	0.313	0.216	0.228	0.248	0.514	0.514	0.514	0.51	0.51	0.51	
1	6	TLS50	0.0	0.0	0.5	0.756	0.25	0.5	0.826	0.5	0.0	28.6	33.4	297.3	15.3	-29.6	6.8	5.7	16.5	0.235	0.235	0.077	0.064	0.186	0.265	0.257	0.471	0.27	0.264	0.461	
2	6	TLS50	0.0	0.0	1.0	0.756	0.5	1.0	0.826	0.0	0.0	57.2	66.8	297.3	30.7	-59.3	31.5	25.1	87.0	0.219	0.219	0.356	0.283	0.982	0.514	0.514	1.0	0.51	0.51	0.985	
3	6	TLS50	0.0	0.5	0.0	0.319	0.25	0.5	0.39	0.5	0.0	43.3	36.5	140.4	-28.1	23.3	8.9	13.3	6.7	0.308	0.308	0.101	0.151	0.076	0.266	0.471	0.26	0.342	0.468	0.279	
4	6	TLS50	0.0	0.5	0.5	0.478	0.25	0.5	0.548	0.5	0.0	44.5	17.4	197.1	-16.5	-5.0	11.1	14.2	17.8	0.257	0.257	0.125	0.16	0.201	0.268	0.47	0.469	0.343	0.467	0.466	
5	6	TLS50	0.0	0.5	1.0	0.617	0.5	1.0	0.687	0.0	0.0	73.1	50.8	247.2	-19.6	-46.7	36.7	45.2	109.5	0.192	0.192	0.415	0.511	1.236	-0.746	0.802	1.093	0.398	0.797	1.086	
6	6	TLS50	0.0	1.0	0.0	0.319	0.5	1.0	0.39	0.0	0.0	86.6	73.0	140.4	-56.2	46.5	43.6	69.1	30.1	0.305	0.305	0.493	0.78	0.34	0.515	1.0	0.514	0.694	1.0	0.541	
7	6	TLS50	0.0	1.0	0.5	0.4	0.5	1.0	0.469	0.0	0.0	87.7	53.9	168.8	-52.8	10.5	46.6	71.5	65.0	0.255	0.255	0.526	0.807	0.734	0.346	1.015	0.821	0.632	1.016	0.826	
8	6	TLS50	0.0	1.0	1.0	0.478	0.5	1.0	0.548	0.0	0.0	88.9	34.7	197.1	-33.1	-10.1	56.0	74.0	95.1	0.249	0.249	0.632	0.836	1.073	0.515	1.0	1.0	0.694	1.0	1.0	
9	6	TLS50	0.5	0.0	0.0	1.0	0.25	0.5	0.069	0.5	0.0	32.8	24.9	25.0	22.5	10.5	9.6	7.4	5.4	0.427	0.427	0.108	0.084	0.061	0.474	0.26	0.257	0.425	0.267	0.265	
10	6	TLS50	0.5	0.0	0.5	0.839	0.25	0.5	0.908	0.5	0.0	34.6	36.3	327.0	30.5	-19.7	11.7	8.3	16.7	0.319	0.319	0.132	0.094	0.188	0.472	0.262	0.47	0.424	0.269	0.461	
11	6	TLS50	0.5	0.0	1.0	0.797	0.5	1.0	0.867	0.0	0.0	63.2	69.8	312.2	46.8	-51.6	44.5	31.8	90.8	0.266	0.266	0.502	0.359	1.025	0.776	0.517	1.017	0.708	0.512	1.002	
12	6	TLS50	0.5	0.5	0.0	0.225	0.25	0.5	0.293	0.5	0.0	46.6	29.2	105.5	-7.7	28.1	13.7	15.8	6.9	0.377	0.377	0.155	0.178	0.078	0.472	0.469	0.26	0.468	0.466	0.279	
13	6	TLS50	0.5	0.5	0.5	0.0	0.5	0.0	0.0	0.5	0.5	73.7	0.0	0.0	0.0	0.0	44.0	46.3	50.4	0.313	0.313	0.496	0.522	0.569	0.75	0.75	0.75	0.744	0.744	0.744	
14	6	TLS50	0.5	0.5	1.0	0.756	0.75	0.5	0.826	0.0	0.5	76.3	33.4	297.3	15.3	-29.6	53.6	50.4	91.6	0.274	0.274	0.605	0.568	1.034	0.781	0.75	1.005	0.767	0.745	0.996	
15	6	TLS50	0.5	1.0	0.0	0.272	0.5	1.0	0.342	0.0	0.0	89.9	65.7	123.0	-35.7	55.1	56.7	76.1	28.2	0.352	0.352	0.64	0.859	0.318	0.793	1.003	0.481	0.856	1.003	0.513	
16	6	TLS50	0.5	1.0	0.5	0.319	0.75	0.5	0.39	0.0	0.5	91.0	36.5	140.4	-28.1	23.3	61.7	78.4	57.0	0.313	0.313	0.697	0.885	0.643	0.783	1.006	0.76	0.85	1.006	0.767	
17	6	TLS50	0.5	1.0	1.0	0.478	0.75	0.5	0.548	0.0	0.5	92.2	17.4	197.1	-16.5	-5.0	69.1	81.1	95.8	0.281	0.281	0.78	0.915	1.081	0.787	1.003	1.0	0.852	1.003	1.0	
18	6	TLS50	1.0	0.0	0.0	1.0	0.5	1.0	0.069	0.0	0.0	65.5	49.7	25.0	45.1	21.0	47.4	34.7	23.3	0.45	0.45	0.535	0.392	0.263	1.0	0.515	0.514	0.893	0.51	0.51	
19	6	TLS50	1.0	0.0	0.5	0.919	0.5	1.0	0.989	0.0	0.0	67.4	61.2	356.0	61.0	-4.2	56.5	37.1	44.2	0.41	0.41	0.638	0.419	0.498	1.073	0.472	0.72	0.95	0.469	0.706	
20	6	TLS50	1.0	0.0	1.0	0.839	0.5	1.0	0.908	0.0	0.0	69.2	72.7	327.0	61.0	-39.5	59.7	39.7	88.3	0.318	0.318	0.674	0.448	0.997	1.0	0.515	1.0	0.893	0.51	0.985	
21	6	TLS50	1.0	0.5	0.0	0.111	0.5	1.0	0.181	0.0	0.0	79.4	54.0	65.2	22.6	49.1	62.1	55.7	20.9	0.448	0.448	0.701	0.628	0.236	1.079	0.741	0.437	0.998	0.735	0.453	
22	6	TLS50	1.0	0.5	0.5	1.0	0.75	0.5	0.069	0.0	0.5	80.5	24.9	25.0	22.5	10.5	64.0	57.5	51.5	0.37	0.37	0.723	0.649	0.581	1.024	0.762	0.75	0.957	0.757	0.745	
23	6	TLS50	1.0	0.5	1.0	0.839	0.75	0.5	0.908	0.0	0.5	82.3	36.3	327.0	30.5	-19.7	71.3	60.9	92.3	0.317	0.317	0.804	0.687	1.042	1.013	0.769	1.003	0.951	0.764	0.994	
24	6	TLS50	1.0	1.0	0.0	0.225	0.5	1.0	0.293	0.0	0.0	93.3	58.4	105.5	-15.5	56.3	71.9	83.7	31.4	0.384	0.384	0.811	0.944	0.355	1.0	1.0	0.514	1.0	1.0	0.541	
25	6	TLS50	1.0	1.0	0.5	0.225	0.75	0.5	0.293	0.0	0.5	94.4	29.2	105.5	-7.7	28.1	77.9	86.1	58.0	0.351	0.351	0.879	0.972	0.655	1.012	0.999	0.763	1.009	0.999	0.769	
26	6	TLS50	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	95.4	0.0	0.0	0.0	0.0	84.2	88.6	96.5	0.313	0.313	0.95	1.0	1.089	1.0	1.0	1.0	1.0	1.0	1.0	



%Gamut
 $u^*_{rel} = 16$
%Regularity
 $g^*_{H,rel} = 34$
 $g^*_{C,rel} = 51$

TLS70					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_M	76.43	26.27	10.57	28.32	22
Y_M	93.93	-10.76	34.63	36.27	107
L_M	89.32	-35.8	27.64	45.24	142
C_M	90.93	-21.95	-7.07	23.07	198
V_M	72.1	15.76	-35.63	38.97	294
M_M	78.5	37.52	-25.23	45.22	326
N_M	69.7	0.0	0.0	0.0	0
W_M	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272



%Gamut
 $u^*_{rel} = 16$
%Regularity
 $g^*_{H,rel} = 34$
 $g^*_{C,rel} = 51$

TLS70a; adapted CIELAB data					
	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	76.43	26.27	10.57	28.32	22
Y_{Ma}	93.93	-10.76	34.63	36.27	107
L_{Ma}	89.32	-35.8	27.64	45.24	142
C_{Ma}	90.93	-21.95	-7.07	23.07	198
V_{Ma}	72.1	15.76	-35.63	38.97	294
M_{Ma}	78.5	37.52	-25.23	45.22	326
N_{Ma}	69.7	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	-2.88	71.56	71.62	92
G_{CIE}	52.23	-42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	-46.46	46.49	272

Data of 3x3x3=27 colors in colorimetric system TLS70; Six hue angles of the colour device: (21.9, 107.3, 142.3, 197.9, 293.9, 326.1); Four hue angles of the elementary colours: (25.5, 92.3, 162.2, 271.7)

n	no.	System	ρ^*_3	l^*_3	v^*_3	e^*	t^*	c^*	h^*	n^*	w^*	LCH^*_{CIE}		$a^*b^*_{CIE}$		XYZ_{CIE}		xy_{CIE}		XYZ_{RGB}		RGB'_{sRGB}		$RGB'_{AdobeRGB}$							
0	7	TLS70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	69.7	0.0	0.0	0.0	38.3	40.3	43.9	0.313	0.313	0.433	0.455	0.496	0.705	0.705	0.705	0.699	0.699	0.699		
1	7	TLS70	0.0	0.0	0.5	0.747	0.25	0.5	0.816	0.5	0.0	36.1	19.5	293.9	7.9	-17.7	9.5	9.0	16.9	0.268	0.268	0.107	0.102	0.191	0.343	0.341	0.47	0.344	0.343	0.463	
2	7	TLS70	0.0	0.0	1.0	0.747	0.5	1.0	0.816	0.0	0.0	72.1	39.0	293.9	15.8	-35.5	47.0	43.8	89.8	0.26	0.26	0.531	0.494	1.013	0.705	0.705	1.0	0.699	0.699	0.99	
3	7	TLS70	0.0	0.5	0.0	0.325	0.25	0.5	0.395	0.5	0.0	44.7	22.6	142.3	-17.8	13.8	11.0	14.3	10.2	0.31	0.31	0.124	0.161	0.115	0.343	0.47	0.341	0.385	0.467	0.35	
4	7	TLS70	0.0	0.5	0.5	0.481	0.25	0.5	0.55	0.5	0.0	45.5	11.5	197.9	-10.9	-3.4	12.5	14.9	17.9	0.275	0.275	0.141	0.168	0.202	0.344	0.47	0.469	0.385	0.467	0.466	
5	7	TLS70	0.0	0.5	1.0	0.614	0.5	1.0	0.683	0.0	0.0	81.5	31.0	245.9	-12.6	-28.2	51.5	59.4	103.2	0.241	0.241	0.581	0.671	1.165	0.559	0.877	1.054	0.664	0.874	1.049	
6	7	TLS70	0.0	1.0	0.0	0.325	0.5	1.0	0.395	0.0	0.0	89.3	45.2	142.3	-35.7	27.6	55.6	74.8	49.7	0.309	0.309	0.628	0.845	0.561	0.705	1.0	0.705	0.799	1.0	0.715	
7	7	TLS70	0.0	1.0	0.5	0.403	0.5	1.0	0.473	0.0	0.0	90.1	34.2	170.1	-33.5	5.9	57.9	76.6	75.6	0.276	0.276	0.653	0.864	0.853	0.636	1.01	0.887	0.763	1.011	0.889	
8	7	TLS70	0.0	1.0	1.0	0.481	0.5	1.0	0.55	0.0	0.0	90.9	23.1	197.9	-21.9	-7.0	64.3	78.3	95.5	0.27	0.27	0.726	0.884	1.078	0.705	1.0	1.0	0.799	1.0	1.0	
9	7	TLS70	0.5	0.0	0.0	0.992	0.25	0.5	0.061	0.5	0.0	38.2	14.2	21.9	13.1	5.3	11.4	10.2	9.3	0.369	0.369	0.129	0.115	0.105	0.471	0.342	0.341	0.437	0.344	0.343	
10	7	TLS70	0.5	0.0	0.5	0.836	0.25	0.5	0.906	0.5	0.0	39.3	22.6	326.1	18.8	-12.5	12.9	10.8	17.1	0.316	0.316	0.146	0.122	0.193	0.471	0.342	0.47	0.437	0.344	0.462	
11	7	TLS70	0.5	0.0	1.0	0.792	0.5	1.0	0.861	0.0	0.0	75.3	42.1	310.0	27.0	-32.2	56.6	48.8	92.9	0.285	0.285	0.638	0.55	1.048	0.854	0.707	1.014	0.811	0.701	1.004	
12	7	TLS70	0.5	0.5	0.0	0.228	0.25	0.5	0.298	0.5	0.0	47.0	18.1	107.3	-5.3	17.3	14.3	16.0	10.3	0.352	0.352	0.162	0.181	0.117	0.471	0.47	0.342	0.467	0.466	0.35	
13	7	TLS70	0.5	0.5	0.5	0.0	0.5	0.0	0.0	0.5	0.5	82.6	0.0	0.0	0.0	0.0	58.3	61.3	66.8	0.313	0.313	0.658	0.692	0.754	0.85	0.85	0.85	0.846	0.846	0.846	
14	7	TLS70	0.5	0.5	1.0	0.747	0.75	0.5	0.816	0.0	0.5	83.8	19.5	293.9	7.9	-17.7	63.8	63.6	93.1	0.289	0.289	0.72	0.718	1.051	0.858	0.85	1.002	0.852	0.846	0.996	
15	7	TLS70	0.5	1.0	0.0	0.278	0.5	1.0	0.347	0.0	0.0	91.6	40.8	124.8	-23.2	33.5	65.1	79.9	47.9	0.337	0.337	0.734	0.901	0.541	0.867	1.001	0.686	0.905	1.001	0.697	
16	7	TLS70	0.5	1.0	0.5	0.325	0.75	0.5	0.395	0.0	0.5	92.4	22.6	142.3	-17.8	13.8	68.9	81.5	70.5	0.312	0.312	0.778	0.92	0.796	0.859	1.002	0.853	0.9	1.002	0.855	
17	7	TLS70	0.5	1.0	1.0	0.481	0.75	0.5	0.55	0.0	0.5	93.2	11.5	197.9	-10.9	-3.4	73.8	83.4	96.0	0.292	0.292	0.833	0.941	1.083	0.861	1.001	1.0	0.901	1.001	1.0	
18	7	TLS70	1.0	0.0	0.0	0.992	0.5	1.0	0.061	0.0	0.0	76.4	28.3	21.9	26.3	10.6	58.2	50.6	44.8	0.379	0.379	0.657	0.571	0.506	1.0	0.705	0.705	0.926	0.699	0.699	
19	7	TLS70	1.0	0.0	0.5	0.914	0.5	1.0	0.983	0.0	0.0	77.5	36.8	354.0	36.6	-3.7	64.5	52.3	61.1	0.363	0.363	0.728	0.59	0.69	1.046	0.688	0.826	0.961	0.682	0.817	
20	7	TLS70	1.0	0.0	1.0	0.836	0.5	1.0	0.906	0.0	0.0	78.5	45.2	326.1	37.5	-25.1	66.9	54.1	90.7	0.316	0.316	0.756	0.61	1.024	1.0	0.705	1.0	0.926	0.699	0.99	
21	7	TLS70	1.0	0.5	0.0	0.111	0.5	1.0	0.179	0.0	0.0	85.2	32.3	64.6	13.9	29.2	69.3	66.4	41.7	0.391	0.391	0.782	0.749	0.471	1.062	0.836	0.657	1.005	0.832	0.659	
22	7	TLS70	1.0	0.5	0.5	0.992	0.75	0.5	0.061	0.0	0.5	85.9	14.2	21.9	13.1	5.3	70.4	67.8	67.4	0.342	0.342	0.795	0.766	0.761	1.009	0.853	0.85	0.967	0.849	0.846	
23	7	TLS70	1.0	0.5	1.0	0.836	0.75	0.5	0.906	0.0	0.5	87.0	22.6	326.1	18.8	-12.5	75.2	69.9	93.6	0.315	0.315	0.849	0.789	1.056	1.005	0.855	1.001	0.965	0.851	0.995	
24	7	TLS70	1.0	1.0	0.0	0.228	0.5	1.0	0.298	0.0	0.0	93.9	36.3	107.3	-10.7	34.6	75.5	85.1	50.6	0.357	0.357	0.852	0.961	0.571	1.0	1.0	0.705	1.0	1.0	0.715	
25	7	TLS70	1.0	1.0	0.5	0.228	0.75	0.5	0.298	0.0	0.5	94.7	18.1	107.3	-5.3	17.3	79.8	86.8	71.1	0.336	0.336	0.9	0.98	0.802	1.005	1.0	0.853	1.004	1.0	0.856	
26	7	TLS70	1.0	1.0	1.0	0.0	1.0	0.0	0.0	0.0	1.0	95.4	0.0	0.0	0.0	0.0	84.2	88.6	96.5	0.313	0.313	0.95	1.0	1.089	1.0	1.0	1.0	1.0	1.0	1.0	