ELCD data set: RS_ER192 of BAM−1985 colour scaling experiments

This output includes the following text and numerical data:
1000*CIEXYZ & 1000*DV data for all colours (a) of all colour difference data pairs

3 step series (triplet): *T−Z−P (G−Z−R)*, colour difference in ELCD range, Pair comparison

Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV*	No.
0090383	0100000	0087548	0005179	0014220	0016997	0014570	0016040	0014458	0010000	%88000007
0090383	0100000	0087548	0014570	0016040	0014458	0036354	0016650	0021492	0022200	%88000008

3 step series (triplet): *T−Z−P (G−Z−R)*, colour difference in ELCD range, Interval + pair comparison

Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV*	No.
0090383	0100000	0087548	0005179	0014220	0016997	0014570	0016040	0014458	0011270	%88000023
0090383	0100000	0087548	0014570	0016040	0014458	0036354	0016650	0021492	0020930	%88000024

6 step series: *T−Z (G−Z)*, colour difference in ELCD range, pair comparison

Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV*	No.
0090384	0100000	0087549	0005179	0014220	0016997	0007348	0014600	0016341	0002000	%88000063
0090384	0100000	0087549	0007348	0014600	0016341	0008533	0014910	0016117	0002000	%88000064
0090384	0100000	0087549	0008533	0014910	0016117	0011397	0015810	0015801	0002000	%88000065
0090384	0100000	0087549	0011397	0015810	0015801	0013288	0016480	0015707	0002000	%88000066
0090384	0100000	0087549	0013288	0016480	0015707	0014571	0016040	0014458	0002000	%88000067

6 step series: *T−Z (G−Z)*, colour difference in LCD range, interval + pair comparison

Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV*	No.
0090384	0100000	0087549	0005179	0014220	0016997	0007348	0014600	0016341	0002254	%88000143
0090384	0100000	0087549	0007348	0014600	0016341	0008533	0014910	0016117	0002254	%88000144
0090384	0100000	0087549	0008533	0014910	0016117	0011397	0015810	0015801	0002254	%88000145
0090384	0100000	0087549	0011397	0015810	0015801	0013288	0016480	0015707	0002254	%88000146
0090384	0100000	0087549	0013288	0016480	0015707	0014571	0016040	0014458	0002254	%88000147

If the decimal comma for the CIEXYZ and DV* data is considered, then for example
X8=6,419 and DV*=14,300

1−000030−L0 XE090−3N

ELCD data set: RS_ER192 of BAM-1985 colour scaling experiments

This output includes the following text and numerical data:
1000*CIEXYZ & 1000*DV data for all colours (a) of all colour difference data pairs

3 step series (triplet): *T−Z−P (G−Z−R)*, colour difference in ELCD range, Pair comparison

Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV*	No.
0090383	0100000	0087548	0005179	0014220	0016997	0014570	0016040	0014458	0010000	%88000007
0090383	0100000	0087548	0014570	0016040	0014458	0036354	0016650	0021492	0022200	%88000008

3 step series (triplet): *T−Z−P (G−Z−R)*, colour difference in ELCD range, Interval + pair comparison

Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV*	No.
0090383	0100000	0087548	0005179	0014220	0016997	0014570	0016040	0014458	0011270	%88000023
0090383	0100000	0087548	0014570	0016040	0014458	0036354	0016650	0021492	0020930	%88000024

6 step series: *Z−P (Z−R)*, colour difference in LCD range, pair comparison

Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV*	No.
0090384	0100000	0087549	0014571	0016040	0014458	0020726	0015610	0015766	0004440	%88000068
0090384	0100000	0087549	0020726	0015610	0015766	0024030	0015670	0016748	0004440	%88000069
0090384	0100000	0087549	0024030	0015670	0016748	0028914	0015990	0018448	0004440	%88000070
0090384	0100000	0087549	0028914	0015990	0018448	0031544	0016260	0019497	0004440	%88000071
0090384	0100000	0087549	0031544	0016260	0019497	0036354	0016650	0021492	0004440	%88000072

6 step series: *Z−P (Z−R)*, colour difference in LCD range, interval + pair comparison

Xn	Yn	Zn	X0	Y0	Z0	X1	Y1	Z1	DV*	No.
0090384	0100000	0087549	0014571	0016040	0014458	0020726	0015610	0015766	0004186	%88000148
0090384	0100000	0087549	0020726	0015610	0015766	0024030	0015670	0016748	0004186	%88000149
0090384	0100000	0087549	0024030	0015670	0016748	0028914	0015990	0018448	0004186	%88000150
0090384	0100000	0087549	0028914	0015990	0018448	0031544	0016260	0019497	0004186	%88000151
0090384	0100000	0087549	0031544	0016260	0019497	0036354	0016650	0021492	0004186	%88000152

If the decimal comma for the CIEXYZ and DV* data is considered, then for example
X8=6,419 and DV*=14,300

1−000030−L0 XE090−3R

Relative and scaled visual differences; triplets and pairs; separate colours

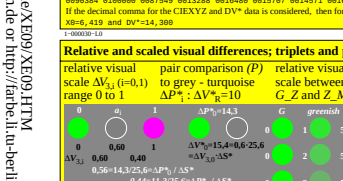
relative visual scale $\Delta V_{3,1}$ (i=0,1) range 0 to 1

pair comparison *(P)* to grey - turquoise $\Delta P^*_1 : \Delta V^*_R$=10

relative visual scale between *G_Z* and *Z_M*

scaled visual data ΔV^*_i=$\Delta V_{0,i}$·ΔP^*_1 (i=0,4)

$\Delta V_{0,i}$	ΔP^*_1	ΔV^*_i	ΔV^*_{Ri}
0,20	14,3	2.86	2,86
0,40	14,3	5.72	2,86
0,60	14,3	8.58	2,86
0,80	14,3	11.44	2,86
0,20	11,3	2.26	2,26
0,40	11,3	4.52	2,26
0,60	11,3	6.78	2,26
0,80	11,3	9.04	2,26



2 experiments of 5 observers slider to adjust the sample

1−000030−L0 XE090−7N

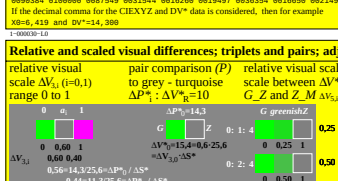
Relative and scaled visual differences; triplets and pairs; adjacent colours

relative visual scale $\Delta V_{3,1}$ (i=0,1) range 0 to 1

pair comparison *(P)* to grey - turquoise $\Delta P^*_1 : \Delta V^*_R$=10

relative visual scaled visual data scale between ΔV^*_i=$\Delta V_{2,i}$·ΔP^*_1 (i=0,3) *G_Z* and *Z_M*

$\Delta V_{2,i}$	ΔP^*_1	ΔV^*_i	ΔV^*_{Ri}
0,25	14,3	3.57	3.57
0,50	14,3	7.15	3.57
0,75	14,3	10.72	3.57
0,25	11,3	2.82	2.82
0,50	11,3	5.65	2.82
0,75	11,3	8.47	2.82



2 experiments of 30 observers assumption: equal visual steps

1−000030−L0 XE091−7N

TUB-test chart XE09; relative and scaled differences
colour triplets and colour pairs; separate and adjacent colours; green - red series

input: *w/rgb/cmyk −> w/rgb/cmyk_*