

Achromatic colours white for eight illuminants; colour space CIEXYZ; K>256:1

Code	X	Y	Z	x	y	z	h_{xy}	illuminant
W ₁ 380_770	97.06	99.99	104.57	0.3218	0.3315	0.3466	0.0	P60
W ₁ 380_770	97.45	100.0	95.98	0.3321	0.3407	0.327	0.0	P55
W ₁ 380_770	98.12	100.0	86.5	0.3447	0.3513	0.3039	0.0	P50
W ₁ 380_770	99.2	100.0	76.07	0.3603	0.3632	0.2763	0.0	P45
W ₁ 380_770	100.93	100.0	64.68	0.3799	0.3764	0.2435	0.0	P40
W ₁ 380_770	103.66	99.99	52.43	0.4047	0.3904	0.2047	0.0	P35
W ₁ 380_770	108.04	100.0	39.55	0.4363	0.4038	0.1597	0.0	P30
W ₁ 380_770	115.18	100.0	26.59	0.4764	0.4136	0.1099	0.0	P25

1-000130-1.0

BE940-1N_2

Achromatic colours white for eight illuminants; colour space YAB_77; K>256:1

Code	Y	A	B	C_{AB}	a	b	h_{AB}	illuminant
W ₁ 380_770	99.99	0.0	0.0	0.01	0.9706	-0.4182	0.0	P60
W ₁ 380_770	100.0	0.0	0.0	0.01	0.9745	-0.3839	0.0	P55
W ₁ 380_770	100.0	0.0	0.0	0.01	0.9812	-0.346	0.0	P50
W ₁ 380_770	100.0	0.0	0.0	0.01	0.992	-0.3042	0.0	P45
W ₁ 380_770	100.0	0.0	0.0	0.01	1.0093	-0.2587	0.0	P40
W ₁ 380_770	99.99	0.0	0.0	0.01	1.0366	-0.2097	0.0	P35
W ₁ 380_770	100.0	0.0	0.0	0.01	1.0804	-0.1582	0.0	P30
W ₁ 380_770	100.0	0.0	0.0	0.01	1.1518	-0.1063	0.0	P25

1-000130-1.0

BE940-1N_2

Achromatic colours white for eight illuminants; colour space CIELAB; K>256:1

Code	L*	a*	b*	C^*_{ab}	a*	b*	h_{ab}	illuminant
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	P60
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	P55
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	P50
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	P45
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	P40
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	P35
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	P30
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	P25

1-000130-1.0

BE940-1N_2

Achromatic colours white for eight illuminants; colour space LABHNU1_79; K>256:1

CodeD65	L*	a*	b*	C^*_{ab}	a*	b*	h_{ab}	illuminant
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1313	-0.0888	0.0	P60
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1316	-0.0867	0.0	P55
W ₁ 380_770	100.0	0.0	0.0	0.0	0.132	-0.0842	0.0	P50
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1328	-0.0812	0.0	P45
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1339	-0.0777	0.0	P40
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1357	-0.0736	0.0	P35
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1386	-0.0687	0.0	P30
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1434	-0.063	0.0	P25

1-000130-1.0

BE940-1N_2

Achromatic colours white for eight illuminants; colour space CIEXYZ; K>256:1

Code	X	Y	Z	x	y	z	h_{xy}	illuminant
W ₁ 380_770	95.04	100.0	108.89	0.3127	0.329	0.3582	0.0	D65
W ₁ 380_770	96.42	100.0	82.49	0.3457	0.3585	0.2957	0.0	D50
W ₁ 380_770	99.2	100.0	76.07	0.3603	0.3632	0.2763	0.0	P45
W ₁ 380_770	109.84	99.99	35.58	0.4475	0.4074	0.1449	0.0	A00
W ₁ 380_770	100.0	100.0	100.0	0.3333	0.3333	0.3333	0.0	E00
W ₁ 380_770	98.07	100.0	118.22	0.31	0.3161	0.3737	0.0	C00
W ₁ 380_770	102.06	100.0	81.06	0.3604	0.3531	0.2863	0.0	P00
W ₁ 380_770	97.93	100.0	118.95	0.309	0.3155	0.3753	0.0	Q00

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BE940-1N_2

Achromatic colours white for eight illuminants; colour space YAB_77; K>256:1

Code	Y	A	B	C_{AB}	a	b	h_{AB}	illuminant
W ₁ 380_770	100.0	0.0	0.0	0.01	0.9504	-0.4355	0.0	D65
W ₁ 380_770	100.0	0.0	0.0	0.01	0.9642	-0.3299	0.0	D50
W ₁ 380_770	100.0	0.0	0.0	0.01	0.992	-0.3042	0.0	P45
W ₁ 380_770	99.99	0.0	0.0	0.01	1.0984	-0.1423	0.0	A00
W ₁ 380_770	100.0	0.0	0.0	0.01	1.0	-0.4	0.0	E00
W ₁ 380_770	100.0	0.0	0.0	0.01	0.9807	-0.4729	0.0	C00
W ₁ 380_770	100.0	0.0	0.0	0.01	1.0206	-0.3242	0.0	P00
W ₁ 380_770	100.0	0.0	0.0	0.01	0.9793	-0.4758	0.0	Q00

1-000130-1.0

BE940-1N_2

Achromatic colours white for eight illuminants; colour space CIELAB; K>256:1

Code	L*	a*	b*	C^*_{ab}	a*	b*	h_{ab}	illuminant
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	D65
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	D50
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	P45
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	A00
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	E00
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	C00
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	P00
W ₁ 380_770	100.0	0.0	0.0	0.0	0.2154	-0.0861	0.0	Q00

1-000130-1.0

BE940-1N_2

Achromatic colours white for eight illuminants; colour space LABHNU1_79; K>256:1

CodeD65	L*	a*	b*	C^*_{ab}	a*	b*	h_{ab}	illuminant
W ₁ 380_770	100.0	0.0	0.0	0.0	0.13	-0.0899	0.0	D65
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1309	-0.0831	0.0	D50
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1328	-0.0812	0.0	P45
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1398	-0.0671	0.0	A00
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1333	-0.0877	0.0	E00
W ₁ 380_770	100.0	0.0	0.0	0.0	0.132	-0.092	0.0	C00
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1347	-0.0826	0.0	P00
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1319	-0.0922	0.0	Q00

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BE940-1N_2

TUB-test chart BE94; Achromatic colorimetric data; K>256:1

colour spaces CIEXYZ, YAB_77, CIELAB, LABHNU1_79; 16 illuminants; 2 degree observer

input: w/rgb/cmyk -> rgb