

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

Code	X ₁₀	Y ₁₀	Z ₁₀	x ₁₀	y ₁₀	z ₁₀	h _{xy,10}	illuminant
W ₁ 380_770	97.09	99.99	104.01	0.3224	0.3321	0.3454	0.0	P60
W ₁ 380_770	97.65	100.0	95.55	0.333	0.341	0.3258	0.0	P55
W ₁ 380_770	98.51	99.99	86.17	0.346	0.3512	0.3026	0.0	P50
W ₁ 380_770	99.8	100.0	75.8	0.3621	0.3628	0.275	0.0	P45
W ₁ 380_770	101.75	100.0	64.44	0.3822	0.3756	0.2421	0.0	P40
W ₁ 380_770	104.71	99.99	52.16	0.4076	0.3892	0.203	0.0	P35
W ₁ 380_770	109.29	99.99	39.19	0.4398	0.4024	0.1577	0.0	P30
W ₁ 380_770	116.54	99.99	26.13	0.4802	0.412	0.1077	0.0	P25

1-001130-L0

BE940-1N_2

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

Code	Y ₁₀	A ₁₀	B ₁₀	C _{AB,10}	a ₁₀	b ₁₀	h _{AB,10}	illuminant
W ₁ 380_770	99.99	0.0	0.0	0.01	0.9709	-0.416	0.0	P60
W ₁ 380_770	100.0	0.0	0.0	0.01	0.9765	-0.3822	0.0	P55
W ₁ 380_770	99.99	0.0	0.0	0.01	0.9851	-0.3446	0.0	P50
W ₁ 380_770	100.0	0.0	0.0	0.01	0.998	-0.3032	0.0	P45
W ₁ 380_770	100.0	0.0	0.0	0.01	1.0175	-0.2577	0.0	P40
W ₁ 380_770	99.99	0.0	0.0	0.01	1.0471	-0.2086	0.0	P35
W ₁ 380_770	99.99	0.0	0.0	0.01	1.0929	-0.1567	0.0	P30
W ₁ 380_770	99.99	0.0	0.0	0.01	1.1654	-0.1045	0.0	P25

1-001130-L0

BE940-3N_2

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

Code	L* ₁₀	a* ₁₀	b* ₁₀	C* _{ab,10}	a' ₁₀	b' ₁₀	h _{ab,10}	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

1-001130-L0

BE940-5N_2

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

CodeD65	L* ₁₀	a* ₁₀	b* ₁₀	C* _{ab,10}	a' ₁₀	b' ₁₀	h _{ab,10}	illuminant
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1313	-0.0887	0.0	P60
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1317	-0.0865	0.0	P55
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1323	-0.0841	0.0	P50
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1332	-0.0811	0.0	P45
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1345	-0.0777	0.0	P40
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1364	-0.0735	0.0	P35
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1395	-0.0686	0.0	P30
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1443	-0.0628	0.0	P25

1-001130-L0

BE940-7N_2

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

Code	X ₁₀	Y ₁₀	Z ₁₀	x ₁₀	y ₁₀	z ₁₀	h _{xy,10}	illuminant
W ₁ 380_770	94.81	100.0	107.33	0.3137	0.3309	0.3552	0.0	D65
W ₁ 380_770	96.72	99.99	81.41	0.3477	0.3595	0.2927	0.0	D50
W ₁ 380_770	99.8	100.0	75.8	0.3621	0.3628	0.275	0.0	P45
W ₁ 380_770	111.15	99.99	35.19	0.4511	0.4059	0.1428	0.0	A00
W ₁ 380_770	99.99	99.99	100.0	0.3333	0.3333	0.3333	0.0	E00
W ₁ 380_770	97.28	99.99	116.14	0.3103	0.319	0.3705	0.0	C00
W ₁ 380_770	102.37	99.99	81.25	0.3609	0.3525	0.2864	0.0	P00
W ₁ 380_770	97.65	100.0	118.42	0.3089	0.3163	0.3746	0.0	Q00

1-001130-L0

BE940-1N_2

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

Code	Y ₁₀	A ₁₀	B ₁₀	C _{AB,10}	a ₁₀	b ₁₀	h _{AB,10}	illuminant
W ₁ 380_770	100.0	0.0	0.0	0.01	0.9481	-0.4293	0.0	D65
W ₁ 380_770	99.99	0.0	0.0	0.01	0.9672	-0.3256	0.0	D50
W ₁ 380_770	100.0	0.0	0.0	0.01	0.998	-0.3032	0.0	P45
W ₁ 380_770	99.99	0.0	0.0	0.01	1.1115	-0.1407	0.0	A00
W ₁ 380_770	99.99	0.0	0.0	0.01	0.9999	-0.4	0.0	E00
W ₁ 380_770	99.99	0.0	0.0	0.01	0.9728	-0.4645	0.0	C00
W ₁ 380_770	99.99	0.0	0.0	0.01	1.0237	-0.325	0.0	P00
W ₁ 380_770	100.0	0.0	0.0	0.01	0.9764	-0.4736	0.0	Q00

1-001130-L0

BE940-3N_2

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

Code	L* ₁₀	a* ₁₀	b* ₁₀	C* _{ab,10}	a' ₁₀	b' ₁₀	h _{ab,10}	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

1-001130-L0

BE940-5N_2

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

CodeD65	L* ₁₀	a* ₁₀	b* ₁₀	C* _{ab,10}	a' ₁₀	b' ₁₀	h _{ab,10}	illuminant
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1298	-0.0895	0.0	D65
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1311	-0.0827	0.0	D50
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1332	-0.0811	0.0	P45
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1407	-0.0669	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	0.1315	-0.0915	0.0	C00
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1349	-0.0827	0.0	P00
W ₁ 380_770	100.0	0.0	0.0	0.0	0.1317	-0.0921	0.0	Q00

1-001130-L0

BE940-7N_2

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

colour spaces CIEXYZ, YAB_77, CIELAB, LABHNU1_79; 16 illuminants; 10 degree observer

input: w/rgb/cmyk -> rgb

see similar files: <http://farbe.li.tu-berlin.de/BE94/BE94.HTM>
technical information: <http://farbe.li.tu-berlin.de> or <http://130.149.60.45/~farbmeterik>

TUB registration: 20170801-BE94/BE94L0NA.TXT /PS
application for measurement of display output

TUB material: code=rha4ta