

inches



centimeters

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
38.76	52.72	66.68	80.64	94.59	108.55	122.51	136.47	150.43	164.39	178.35	192.31	206.27	220.23	234.19
14.05	17.82	21.59	25.36	29.13	32.90	36.67	40.44	44.21	47.98	51.75	55.52	59.29	63.06	66.83
0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31
21.35	27.35	33.35	39.35	45.35	51.35	57.35	63.35	69.35	75.35	81.35	87.35	93.35	99.35	105.35

16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
49.83	63.79	77.75	91.71	105.67	119.63	133.59	147.55	161.51	175.47	189.43	203.39	217.35	231.31	245.27
19.51	25.51	31.51	37.51	43.51	49.51	55.51	61.51	67.51	73.51	79.51	85.51	91.51	97.51	103.51
0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15
31.35	37.35	43.35	49.35	55.35	61.35	67.35	73.35	79.35	85.35	91.35	97.35	103.35	109.35	115.35



31	32	33	34	35	36	37	38	39	40
67.79	81.75	95.71	109.67	123.63	137.59	151.55	165.51	179.47	193.43
27.51	33.51	39.51	45.51	51.51	57.51	63.51	69.51	75.51	81.51
0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
43.35	49.35	55.35	61.35	67.35	73.35	79.35	85.35	91.35	97.35

41	42	43	44	45	46	47	48	49	50
107.63	121.59	135.55	149.51	163.47	177.43	191.39	205.35	219.31	233.27
11.51	17.51	23.51	29.51	35.51	41.51	47.51	53.51	59.51	65.51
0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
115.35	121.35	127.35	133.35	139.35	145.35	151.35	157.35	163.35	169.35

D50 Illuminant, 2 degree observer.

Density

0.05 0.09 0.16 0.22 0.36 0.52

Don Williams

All values are batch averages.

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