

inches



centimeters

1	38.76	65.15	81.53	97.91	114.29	130.67	147.05	163.43	179.81	196.19	212.57	228.95	245.33	261.71	278.09	294.47	310.85
2	54.65	113.62	172.59	231.56	290.53	349.50	408.47	467.44	526.41	585.38	644.35	703.32	762.29	821.26	880.23	939.20	998.17
3	70.54	141.08	211.62	282.16	352.70	423.24	493.78	564.32	634.86	705.40	775.94	846.48	917.02	987.56	1058.10	1128.64	1199.18
4	86.43	172.86	259.29	345.72	432.15	518.58	605.01	691.44	777.87	864.30	950.73	1037.16	1123.59	1210.02	1296.45	1382.88	1469.31
5	102.32	204.64	306.96	409.28	511.60	613.92	716.24	818.56	920.88	1023.20	1125.52	1227.84	1330.16	1432.48	1534.80	1637.12	1739.44
6	118.21	236.42	354.63	472.84	591.05	709.26	827.47	945.68	1063.89	1182.10	1300.31	1418.52	1536.73	1654.94	1773.15	1891.36	2009.57
7	134.10	268.20	396.30	524.40	652.50	780.60	908.70	1036.80	1164.90	1293.00	1421.10	1549.20	1677.30	1805.40	1933.50	2061.60	2189.70
8	150.00	300.00	450.00	600.00	750.00	900.00	1050.00	1200.00	1350.00	1500.00	1650.00	1800.00	1950.00	2100.00	2250.00	2400.00	2550.00
9	165.89	331.78	497.67	663.56	829.45	995.34	1161.23	1327.12	1493.01	1658.90	1824.79	1990.68	2156.57	2322.46	2488.35	2654.24	2820.13
10	181.78	363.56	540.84	707.72	874.60	1041.48	1208.36	1375.24	1542.12	1709.00	1875.88	2042.76	2209.64	2376.52	2543.40	2710.28	2877.16
11	197.67	395.34	591.51	758.68	925.56	1092.44	1259.32	1426.20	1593.08	1759.96	1926.84	2093.72	2260.60	2427.48	2594.36	2761.24	2928.12
12	213.56	427.12	638.68	805.56	972.44	1139.32	1306.20	1473.08	1639.96	1806.84	1973.72	2140.60	2307.48	2474.36	2641.24	2808.12	2975.00
13	229.45	458.90	685.35	852.23	1019.11	1185.99	1352.87	1519.75	1686.63	1853.51	2020.39	2187.27	2354.15	2521.03	2687.91	2854.79	3021.67
14	245.34	490.68	732.02	898.90	1065.78	1232.66	1399.54	1566.42	1733.30	1900.18	2067.06	2233.94	2400.82	2567.70	2734.58	2901.46	3068.34
15	261.23	522.46	778.70	945.58	1112.46	1279.34	1446.42	1613.30	1780.18	1947.06	2113.94	2280.82	2447.70	2614.58	2781.46	2948.34	3115.22
16	277.12	554.24	825.38	992.26	1159.14	1326.02	1493.30	1660.18	1827.06	1993.94	2160.82	2327.70	2494.58	2661.46	2828.34	2995.22	3162.10
17	293.01	586.02	872.06	1038.94	1205.82	1372.70	1540.18	1707.06	1873.94	2040.82	2207.70	2374.58	2541.46	2708.34	2875.22	3042.10	3208.98
18	308.90	617.80	918.74	1085.62	1252.50	1419.38	1587.06	1753.94	1920.82	2087.70	2254.58	2421.46	2588.34	2755.22	2922.10	3088.98	3255.86
19	324.79	649.58	965.42	1132.30	1300.18	1466.06	1634.34	1801.22	1968.10	2134.98	2301.86	2468.74	2635.62	2802.50	2969.38	3136.26	3322.74
20	340.68	681.36	1012.10	1178.98	1346.86	1512.74	1681.02	1847.90	2014.78	2181.66	2348.54	2515.42	2682.30	2849.18	3016.06	3182.94	3389.62
21	356.57	713.14	1058.78	1225.66	1393.54	1559.42	1727.70	1894.58	2061.46	2228.34	2395.22	2562.10	2728.98	2895.86	3062.74	3229.62	3456.50
22	372.46	744.92	1105.46	1272.34	1440.22	1606.10	1774.98	1941.86	2108.74	2275.62	2442.50	2609.38	2776.26	2943.14	3110.02	3276.48	3523.38
23	388.35	776.70	1152.14	1319.02	1486.90	1652.78	1821.66	1988.54	2155.42	2322.30	2489.18	2656.06	2822.94	2989.82	3156.70	3343.36	3590.26
24	404.24	808.48	1198.82	1365.70	1533.58	1700.46	1868.34	2035.22	2202.10	2368.98	2535.86	2702.74	2869.62	3036.50	3203.38	3410.26	3657.14
25	420.13	840.26	1245.50	1412.38	1580.26	1747.14	1915.02	2081.90	2248.78	2415.66	2582.54	2749.42	2916.30	3083.18	3250.06	3477.14	3724.02
26	436.02	872.04	1292.18	1459.06	1626.94	1793.82	1961.70	2128.58	2295.46	2462.34	2629.22	2796.10	2962.98	3129.86	3316.94	3544.02	3790.90
27	451.91	903.82	1338.86	1505.74	1673.62	1840.50	2008.38	2175.26	2342.14	2509.02	2675.90	2842.78	3009.66	3176.74	3383.82	3610.90	3857.78
28	467.80	935.60	1385.54	1552.42	1720.30	1887.18	2055.06	2221.94	2388.82	2555.70	2722.58	2889.46	3056.34	3233.62	3450.70	3677.78	3924.66
29	483.69	967.38	1432.22	1599.10	1766.98	1933.86	2101.74	2268.62	2435.50	2602.38	2769.26	2936.14	3103.02	3299.90	3517.58	3744.66	3991.54
30	499.58	999.16	1478.90	1645.78	1813.66	1980.54	2148.42	2315.30	2482.18	2649.06	2815.94	2982.82	3159.70	3366.58	3584.46	3811.54	4058.42

D50 Illuminant, 2 degree observer

Density



Don Williams

All values are batch averages

M000549