

Circle of Confusion		Hyperfocal Focus Distance Full Frame Camera												
		0.03												
F Stop		Focal Length of Lens												
		50	15	20	35	50	80	100	135	175	200	300	400	600
1.4		59.52	5.36	9.52	29.17	59.52	152.38	238.1	433.93	729.17	952.38	2142.86	3809.52	8571.43
1.8		46.3	4.17	7.41	22.69	46.3	118.52	185.19	337.5	567.13	740.74	1666.67	2962.96	6666.67
2		41.67	3.75	6.67	20.42	41.67	106.67	166.67	303.75	510.42	666.67	1500	2666.67	6000
2		41.67	3.75	6.67	20.42	41.67	106.67	166.67	303.75	510.42	666.67	1500	2666.67	6000
8		10.42	0.94	1.67	5.1	10.42	26.67	41.67	75.94	127.6	166.67	375	666.67	1500
3		27.78	2.5	4.44	13.61	27.78	71.11	111.11	202.5	340.28	444.44	1000	1777.78	4000
4.5		18.52	1.67	2.96	9.07	18.52	47.41	74.07	135	226.85	296.3	666.67	1185.19	2666.67
5		16.67	1.5	2.67	8.17	16.67	42.67	66.67	121.5	204.17	266.67	600	1066.67	2400
5.6		14.88	1.34	2.38	7.29	14.88	38.1	59.52	108.48	182.29	238.1	535.71	952.38	2142.86
6.3		13.23	1.19	2.12	6.48	13.23	33.86	52.91	96.43	162.04	211.64	476.19	846.56	1904.76
7.1		11.74	1.06	1.88	5.75	11.74	30.05	46.95	85.56	143.78	187.79	422.54	751.17	1690.14
8		10.42	0.94	1.67	5.1	10.42	26.67	41.67	75.94	127.6	166.67	375	666.67	1500
9		9.26	0.83	1.48	4.54	9.26	23.7	37.04	67.5	113.43	148.15	333.33	592.59	1333.33
10		8.33	0.75	1.33	4.08	8.33	21.33	33.33	60.75	102.08	133.33	300	533.33	1200
11		7.58	0.68	1.21	3.71	7.58	19.39	30.3	55.23	92.8	121.21	272.73	484.85	1090.91
13		6.41	0.58	1.03	3.14	6.41	16.41	25.64	46.73	78.53	102.56	230.77	410.26	923.08
14		5.95	0.54	0.95	2.92	5.95	15.24	23.81	43.39	72.92	95.24	214.29	380.95	857.14
16		5.21	0.47	0.83	2.55	5.21	13.33	20.83	37.97	63.8	83.33	187.5	333.33	750
18		4.63	0.42	0.74	2.27	4.63	11.85	18.52	33.75	56.71	74.07	166.67	296.3	666.67
20		4.17	0.38	0.67	2.04	4.17	10.67	16.67	30.38	51.04	66.67	150	266.67	600
22		3.79	0.34	0.61	1.86	3.79	9.7	15.15	27.61	46.4	60.61	136.36	242.42	545.45
25		3.33	0.3	0.53	1.63	3.33	8.53	13.33	24.3	40.83	53.33	120	213.33	480
29		2.87	0.26	0.46	1.41	2.87	7.36	11.49	20.95	35.2	45.98	103.45	183.91	413.79
32		2.6	0.23	0.42	1.28	2.6	6.67	10.42	18.98	31.9	41.67	93.75	166.67	375

The above indicate the following : Distance in Mtrs
Focus Point from which everything from HALF that distance to INFINITY is in ACCEPTABLE FOCUS for the Focal Point of the Lens being used

Ie for a 50mm lens @ F11 the Distance is 10.33 Mtrs. Therefore Acceptable Focus will be achieved from 5.16 Mtrs to INFINITY Focus to 10.33 mtrs and take the Photo !!.

Formula used
$$\text{Focal Length of Lens}^2 / \text{Circle of Confusion} * \text{F Stop}$$