

HDTV Widescreen Seating Distance Chart

			1080I/P	720P		
			Optimum	Optimum	4 X 3	4 X 3
16 X 9	16 X 9	16 X 9	viewing	viewing	image	image
diagonal	width	height	distance	distance	width	diagonal
17.00	14.82	8.33	26.66	39.98	11.11	13.88
18.00	15.69	8.82	28.22	42.34	11.76	14.70
19.00	16.56	9.31	29.79	44.69	12.41	15.52
20.00	17.43	9.81	31.39	47.09	13.08	16.35
21.00	18.30	10.30	32.96	49.44	13.73	17.17
22.00	19.17	10.79	34.53	51.79	14.39	17.98
23.00	20.05	11.28	36.10	54.14	15.04	18.80
24.00	20.92	11.77	37.66	56.50	15.69	19.62
25.00	21.79	12.26	39.23	58.85	16.35	20.43
26.00	22.66	12.75	40.80	61.20	17.00	21.25
27.00	23.53	13.24	42.37	63.55	17.65	22.07
28.00	24.40	13.73	43.94	65.90	18.31	22.88
29.00	25.28	14.22	45.50	68.26	18.96	23.70
30.00	26.15	14.71	47.07	70.61	19.61	24.52
31.00	27.02	15.20	48.64	72.96	20.27	25.33
32.00	27.89	15.69	50.21	75.31	20.92	26.15
33.00	28.76	16.18	51.78	77.66	21.57	26.97
34.00	29.63	16.67	53.34	80.02	22.23	27.78
35.00	30.51	17.16	54.91	82.37	22.88	28.60
36.00	31.38	17.65	56.48	84.72	23.53	29.42
37.00	32.25	18.14	58.05	87.07	24.19	30.23
38.00	33.12	18.63	59.62	89.42	24.84	31.05
39.00	33.99	19.12	61.18	91.78	25.49	31.87
40.00	34.86	19.61	62.75	94.13	26.15	32.68
41.00	35.73	20.10	64.32	96.48	26.80	33.50
42.00	36.61	20.59	65.89	98.83	27.45	34.32
43.00	37.48	21.08	67.46	101.18	28.11	35.13
44.00	38.35	21.57	69.02	103.54	28.76	35.95
45.00	39.22	22.06	70.59	105.89	29.41	36.77
46.00	40.09	22.55	72.16	108.24	30.07	37.58
47.00	40.96	23.04	73.73	110.59	30.72	38.40
48.00	41.84	23.53	75.30	112.94	31.37	39.22
49.00	42.71	24.02	76.86	115.30	32.03	40.03
50.00	43.58	24.51	78.43	117.65	32.68	40.85
51.00	44.45	25.00	80.00	120.00	33.33	41.67
52.00	45.32	25.49	81.57	122.35	33.99	42.48
53.00	46.19	25.98	83.14	124.70	34.64	43.30
54.00	47.07	26.47	84.70	127.06	35.29	44.12

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16 X 9	16 X 9	16 X 9	viewing	viewing	image	image
diagonal	width	height	distance	distance	width	diagonal
55.00	47.94	26.96	86.27	129.41	35.95	44.93
56.00	48.81	27.45	87.84	131.76	36.60	45.75
57.00	49.68	27.94	89.41	134.11	37.25	46.57
58.00	50.55	28.44	91.01	136.51	37.92	47.40
59.00	51.42	28.93	92.58	138.86	38.57	48.22
60.00	52.29	29.42	94.14	141.22	39.23	49.03
61.00	53.17	29.91	95.71	143.57	39.88	49.85
62.00	54.04	30.40	97.28	145.92	40.53	50.67
63.00	54.91	30.89	98.85	148.27	41.19	51.48
64.00	55.78	31.38	100.42	150.62	41.84	52.30
65.00	56.65	31.87	101.98	152.98	42.49	53.12
66.00	57.52	32.36	103.55	155.33	43.15	53.93
67.00	58.40	32.85	105.12	157.68	43.80	54.75
68.00	59.27	33.34	106.69	160.03	44.45	55.57
69.00	60.14	33.83	108.26	162.38	45.11	56.38
70.00	61.01	34.32	109.82	164.74	45.76	57.20
71.00	61.88	34.81	111.39	167.09	46.41	58.02
72.00	62.75	35.30	112.96	169.44	47.07	58.83
73.00	63.63	35.79	114.53	171.79	47.72	59.65
74.00	64.50	36.28	116.10	174.14	48.37	60.47
75.00	65.37	36.77	117.66	176.50	49.03	61.28
76.00	66.24	37.26	119.23	178.85	49.68	62.10
77.00	67.11	37.75	120.80	181.20	50.33	62.92
78.00	67.98	38.24	122.37	183.55	50.99	63.73
79.00	68.85	38.73	123.94	185.90	51.64	64.55
80.00	69.73	39.22	125.50	188.26	52.29	65.37
81.00	70.60	39.71	127.07	190.61	52.95	66.18
82.00	71.47	40.20	128.64	192.96	53.60	67.00
83.00	72.34	40.69	130.21	195.31	54.25	67.82
84.00	73.21	41.18	131.78	197.66	54.91	68.63
85.00	74.08	41.67	133.34	200.02	55.56	69.45
86.00	74.96	42.16	134.91	202.37	56.21	70.27
87.00	75.83	42.65	136.48	204.72	56.87	71.08
88.00	76.70	43.14	138.05	207.07	57.52	71.90
89.00	77.57	43.63	139.62	209.42	58.17	72.72
90.00	78.44	44.12	141.18	211.78	58.83	73.53
91.00	79.31	44.61	142.75	214.13	59.48	74.35
92.00	80.18	45.10	144.32	216.48	60.13	75.17

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16 X 9	16 X 9	16 X 9	Optimum	Optimum	4 X 3	4 X 3
diagonal	width	height	viewing	viewing	image	image
			distance	distance	width	diagonal
93.00	81.06	45.59	145.89	218.83	60.79	75.98
94.00	81.93	46.08	147.46	221.18	61.44	76.80
95.00	82.80	46.57	149.02	223.54	62.09	77.62
96.00	83.67	47.07	150.62	225.94	62.76	78.45
97.00	84.54	47.56	152.19	228.29	63.41	79.27
98.00	85.41	48.05	153.76	230.64	64.07	80.08
99.00	86.29	48.54	155.33	232.99	64.72	80.90
100.00	87.16	49.03	156.90	235.34	65.37	81.72
101.00	88.03	49.52	158.46	237.70	66.03	82.53
102.00	88.90	50.01	160.03	240.05	66.68	83.35
103.00	89.77	50.50	161.60	242.40	67.33	84.17
104.00	90.64	50.99	163.17	244.75	67.99	84.98
105.00	91.52	51.48	164.74	247.10	68.64	85.80
106.00	92.39	51.97	166.30	249.46	69.29	86.62
107.00	93.26	52.46	167.87	251.81	69.95	87.43
108.00	94.13	52.95	169.44	254.16	70.60	88.25
109.00	95.00	53.44	171.01	256.51	71.25	89.07
110.00	95.87	53.93	172.58	258.86	71.91	89.88
111.00	96.74	54.42	174.14	261.22	72.56	90.70
112.00	97.62	54.91	175.71	263.57	73.21	91.52
113.00	98.49	55.40	177.28	265.92	73.87	92.33
114.00	99.36	55.89	178.85	268.27	74.52	93.15
115.00	100.23	56.38	180.42	270.62	75.17	93.97
116.00	101.10	56.87	181.98	272.98	75.83	94.78
117.00	101.97	57.36	183.55	275.33	76.48	95.60
118.00	102.85	57.85	185.12	277.68	77.13	96.42
119.00	103.72	58.34	186.69	280.03	77.79	97.23
120.00	104.59	58.83	188.26	282.38	78.44	98.05