



# SCREEN DISTANCE & HEIGHT CHART

## OPTIMAL VIEWING DISTANCES

TV Size (diagonal)	TV Dimensions	Minimum Viewing Distance	Optimal Viewing Distance
103 inches	56" x 95"	12 feet	15 feet
85 inches	47" x 79 1/2"	10.4 feet	12.5 feet
65 inches	36" x 60"	8.1 feet	10 feet
63 inches	35 7/8" x 59"	7.5 feet	10 feet
58 inches	33 7/8" x 55"	7.1 feet	9 feet
55 inches	32" x 51 1/2"	6.9 feet	8.5 feet
54 inches	32" x 51"	6.4 feet	8.4 feet
52 inches	32" x 51"	6.5 feet	8.3 feet
50 inches	30" x 48"	6.3 feet	8 feet
46 inches	26 1/2" x 44"	5.9 feet	6.5 feet
42 inches	25" x 40"	5.3 feet	6 feet
40 inches	23 1/2" x 39"	5 feet	5.8 feet
37 inches	23 1/4" x 36"	4.3 feet	5 feet
23 inches	14 1/4" x 22 1/2"	3 feet	3.8 feet
19 inches	13" x 19"	3 feet	3.5 feet

## MAXIMUM SCREEN HEIGHTS

Measured from floor to bottom of screen

Distance from screen to viewing location	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'
Max 42" TV height	35"	38"	41"	44"	47"	50"	53"	56"	59"	62"	65"	68"	71"	74"	77"	80"
Max 50" TV height		33"	36"	39"	42"	45"	48"	51"	54"	57"	60"	63"	66"	69"	72"	75"
Max 60" TV height			31"	34"	37"	40"	43"	46"	49"	52"	55"	58"	61"	64"	67"	70"
Max 65" TV height				32"	35"	38"	41"	44"	47"	50"	53"	56"	59"	62"	65"	68"
Max 80" TV height					30"	33"	36"	39"	42"	45"	48"	51"	54"	57"	60"	63"
Max 92" screen height						28"	31"	34"	37"	40"	43"	46"	49"	52"	55"	58"
Max 103" screen height								29"	32"	35"	38"	41"	44"	47"	50"	53"

Ideal screen height is 30 inches above finished floor to bottom of screen.

Assumes standard seating with eye height at 42 inches above finished floor. Maximum screen or TV height is from bottom of screen or TV to floor.