

Comfortable Viewing Distance for Text on Presentation Visuals 16:9 large screens (for ballrooms & conference centers)

Assumptions:

- Visual acuity of 20/40 (about the same that is used for highway road signs)
- Projected image fills the screen
- Screen and image have a 16:9 width to height ratio (the standard ratio for most widescreen projectors)

How to use the table:

- Locate the row that corresponds to the diagonal measurement of the screen you are using (the typical way to measure these screens)
- Locate the column corresponding to the smallest font used for text on your slides
- The intersection of the row and column is the maximum distance from the screen that an audience member should be seated in order to be able to easily read the text
- For example, if you are using a 15 foot screen and have 28 point text on your slides, the farthest that someone should be is 99 feet from the screen

Font size (in points)

		Font size (in points)						
		18	24	28	32	36	40	44
Diagonal screen size (in feet)	8	33	46	53	60	66	73	80
	9	37	52	60	67	75	82	90
	10	41	58	66	75	83	91	99
	11	46	64	73	82	91	100	109
	12	50	70	80	90	99	109	119
	13	54	75	86	97	108	119	129
	14	58	81	93	104	116	128	139
	15	62	87	99	112	124	137	149
	16	66	93	106	119	133	146	159
	17	70	99	113	127	141	155	169
	18	75	104	119	134	149	164	179
	19	79	110	126	142	158	173	189