



The diagram illustrates the structure of a plant cell. The outermost layer is the cell wall, which provides structural support. Inside the cell wall is the cell membrane. The large central vacuole is a prominent feature, occupying most of the cell's volume. The nucleus is the control center, and chloroplasts are responsible for photosynthesis. The cytoplasm is the fluid-filled space where organelles are suspended.

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This diagram shows a plant cell with its various components labeled. The cell wall is the outermost layer, followed by the cell membrane. The large central vacuole is a key characteristic of plant cells. The nucleus and chloroplasts are also clearly visible.