

## NSColorList

**Inherits From:** NSObject

**Conforms To:** NSCodering

**Declared In:** appkit/NSColorList.h

### Initializing an NSColorList

- (id)**initWithName:**(NSString \*)*name*

Initializes and returns the receiver, registering it under the specified name if the name isn't in use already.

- (id)**initWithName:**(NSString \*)*name*  
**fromFile:**(NSString \*)*path*

Initializes and returns the receiver, registering it under the specified name if the name isn't in use already. *path* should be the full path to the file for the color list; *name* should be the name of the file for the color list (minus the <sup>a</sup>.clr<sup>o</sup> extension).

### Getting All Color Lists

+ (NSArray \*)**availableColorLists**

Returns an array of all NSColorLists found in the standard color list directories. Color lists created at run time aren't included in this list unless they're saved into one of the standard color list directories.

### Getting a Color List by Name

+ (NSColorList \*)**colorListNamed:**(NSString \*)*name*

Searches the array that's returned by **availableColorLists** and returns the NSColorList named *name*, or **nil** if no such color list exists. *name* mustn't include the <sup>a</sup>.clr<sup>o</sup> suffix.

- (NSString \*)**name**

Returns the name of the NSColorList.

## Managing Colors by Key

- (NSArray \*)**allKeys**

Returns an array of NSString objects that contains all the keys by which the NSColors are stored in the NSColorList. The length of this array equals the number of colors, and its contents are arranged according to the ordering specified when the colors were inserted.

- (NSColor \*)**colorWithKey:(NSString \*)key**

Returns the NSColor associated with *key*, or **nil** if there is none.

- (void)**insertColor:(NSColor \*)color**

Inserts *color* at the specified location in the list (which is numbered starting with 0). If the list already contains a color with the same key at a different location, it's removed from the old location.

**key:(NSString \*)key**

**atIndex:(unsigned)location**

- (void)**removeColorWithKey:(NSString \*)key**

Removes the color associated with *key* from the list. This method does nothing if the list doesn't contain the key.

- (void)**setColor:(NSColor \*)aColor**

Associates the specified NSColor with the key *key*. If the list already contains *key*, this method sets the corresponding color to *aColor*; otherwise, it inserts *aColor* at the end of the list.

**forKey:(NSString \*)key**

## Editing

- (BOOL)**isEditable**

Returns YES if the color list can be modified. This depends on the source of the list: If it came from a write-protected file, this method returns NO.

## Writing and Removing Files

- (BOOL)**writeToFile:(NSString \*)path**

If *path* is a directory, saves the NSColorList in a file named *listname.clr* (where *listname* is the name with which the NSColorList was initialized). If *path* includes a file name, this method saves the file under that name. If *path* is **nil**, this method saves the file as *listname.clr* in the standard location. Returns YES upon success.

- (void)**removeFile**

Deletes the file from which the list was created, unless the user doesn't own the color list. The receiver is removed from the list of available colors, but isn't released.