NAME

xcb_alloc_color - Allocate a color

SYNOPSIS

#include <xcb/xproto.h>

Request function

xcb_alloc_color_cookie_t **xcb_alloc_color**(xcb_connection_t *_conn_, xcb_colormap_t _cmap_, uint16_t _red_, uint16_t _green_, uint16_t _blue_);

Reply datastructure

```
typedef struct xcb_alloc_color_reply_t {
    uint8_t  response_type;
    uint8_t  pad0;
    uint16_t sequence;
    uint32_t length;
    uint16_t red;
    uint16_t green;
    uint16_t blue;
    uint8_t  pad1[2];
    uint32_t pixel;
} xcb_alloc_color_reply_t;
```

Reply function

xcb_alloc_color_reply_t *__xcb_alloc_color_reply__(xcb_connection_t *_conn_, xcb_alloc_color_cookie_t _cookie_, xcb_generic_error_t **_e_);

REQUEST ARGUMENTS

conn	The XCB connection to X11.
cmap	TODO
red	The red value of your color.
green	The green value of your color.
blue	The blue value of your color.

REPLY FIELDS

response_type The type of this reply, in this case *XCB_ALLOC_COLOR*. This field is also present in the *xcb_generic_reply_t* and can be used to tell replies apart from each other.

sequence The sequence number of the last request processed by the X11 server.

length The length of the reply, in words (a word is 4 bytes).

red TODO: NOT YET DOCUMENTED.

green TODO: NOT YET DOCUMENTED.

blue TODO: NOT YET DOCUMENTED.

pixel TODO: NOT YET DOCUMENTED.

DESCRIPTION

Allocates a read-only colormap entry corresponding to the closest RGB value supported by the hardware. If you are using TrueColor, you can take a shortcut and directly calculate the color pixel value to avoid the round trip. But, for example, on 16-bit color setups (VNC), you can easily get the closest supported RGB value to the RGB value you are specifying.

RETURN VALUE

Returns an *xcb_alloc_color_cookie_t*. Errors have to be handled when calling the reply function *xcb_alloc_color_reply*.

If you want to handle errors in the event loop instead, use *xcb_alloc_color_unchecked*. See **xcb-requests(3)** for details.

ERRORS

xcb_colormap_error_t

The specified colormap *cmap* does not exist.

SEE ALSO

xcb-requests(3)

AUTHOR

Generated from xproto.xml. Contact xcb@lists.freedesktop.org for corrections and improvements.