

**NAME**

xcb\_randr\_get\_crtc\_gamma -

**SYNOPSIS**

```
#include <xcb/randr.h>
```

**Request function**

```
xcb_randr_get_crtc_gamma_cookie_t xcb_randr_get_crtc_gamma(xcb_connection_t *conn,  
xcb_randr_crtc_t crtc);
```

**Reply datastructure**

```
typedef struct xcb_randr_get_crtc_gamma_reply_t {  
    uint8_t response_type;  
    uint8_t pad0;  
    uint16_t sequence;  
    uint32_t length;  
    uint16_t size;  
    uint8_t pad1[22];  
} xcb_randr_get_crtc_gamma_reply_t;
```

**Reply function**

```
xcb_randr_get_crtc_gamma_reply_t *xcb_randr_get_crtc_gamma_reply(xcb_connection_t *conn,  
xcb_randr_get_crtc_gamma_cookie_t cookie, xcb_generic_error_t **e);
```

**Reply accessors**

```
uint16_t *xcb_randr_get_crtc_gamma_red(const xcb_randr_get_crtc_gamma_request_t *reply);
```

```
int xcb_randr_get_crtc_gamma_red_length(const xcb_randr_get_crtc_gamma_reply_t *reply);
```

```
xcb_generic_iterator_t xcb_randr_get_crtc_gamma_red_end(const xcb_randr_get_crtc_gamma_reply_t  
*reply);
```

```
uint16_t *xcb_randr_get_crtc_gamma_green(const xcb_randr_get_crtc_gamma_request_t *reply);
```

```
int xcb_randr_get_crtc_gamma_green_length(const xcb_randr_get_crtc_gamma_reply_t *reply);
```

```
xcb_generic_iterator_t xcb_randr_get_crtc_gamma_green_end(const  
xcb_randr_get_crtc_gamma_reply_t *reply);
```

```
uint16_t *xcb_randr_get_crtc_gamma_blue(const xcb_randr_get_crtc_gamma_request_t *reply);
```

```
int xcb_randr_get_crtc_gamma_blue_length(const xcb_randr_get_crtc_gamma_reply_t *reply);
```

```
xcb_generic_iterator_t xcb_randr_get_crtc_gamma_blue_end(const  
    xcb_randr_get_crtc_gamma_reply_t *reply);
```

## REQUEST ARGUMENTS

*conn*            The XCB connection to X11.

*crtc*            TODO: NOT YET DOCUMENTED.

## REPLY FIELDS

*response\_type*    The type of this reply, in this case *XCB\_RANDR\_GET\_CRTC\_GAMMA*. 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).

*size*            TODO: NOT YET DOCUMENTED.

## DESCRIPTION

### RETURN VALUE

Returns an *xcb\_randr\_get\_crtc\_gamma\_cookie\_t*. Errors have to be handled when calling the reply function *xcb\_randr\_get\_crtc\_gamma\_reply*.

If you want to handle errors in the event loop instead, use *xcb\_randr\_get\_crtc\_gamma\_unchecked*. See **xcb-requests(3)** for details.

## ERRORS

This request does never generate any errors.

## SEE ALSO

### AUTHOR

Generated from randr.xml. Contact [xcb@lists.freedesktop.org](mailto:xcb@lists.freedesktop.org) for corrections and improvements.