

Converting Colors

CIELCh(57, 111.130, 328.248)

Have a look what the booklet for
CIELCh(57, 111.130, 328.248)
contains.

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Color

CIELCh(57, 110.730, 328.233)

Conversions

Conversions Part 1

Format	Color
Hex	F100F1
RGB	241, 0, 241
RGB Percent	95%, 0%, 95%
CMY	0.0564, 1.0000, 0.0563
CMYK	0.00, 1.00, 0.00, 0.06
HSL	300°, 100%, 47%
HSV	300°, 100%, 94%
XYZ	51.9461, 24.9227, 85.0040
YIQ	99.5330, 66.2750, 126.0430

Conversions

Conversions Part 2

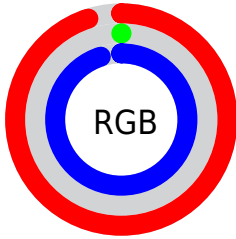
Format	Color
R _Y B	241, 0, 241
Decimal	15794417
CIE Lab	57.00, 94.14, -58.30
CIE LCh	57, 110.730, 328.233
Yxy	24.9227, 0.3209, 0.1540
Android (android.graphics.Color)	4293984497 (0xFFFF100F1)
YUV	99.5330, 69.7432, 124.0666
Hunter-Lab	49.9226, 98.3704, -66.0082

Details

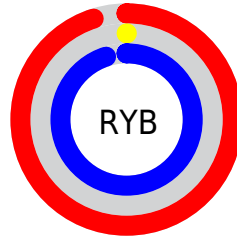
The CIELCh color **57, 110.730, 328.233** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **83, 114.633, 136.016**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **43, 90.530, 327.375** is the 20% darker color. If you saturate the color by 10%, you get **57, 110.603, 328.229**, and if you desaturate by 10%, it is **58, 108.475, 328.164**.

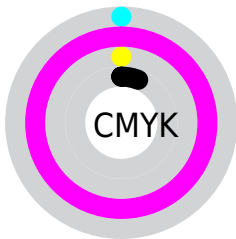
Distribution



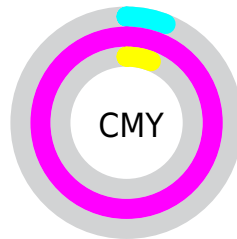
- Red (95%)
- Green (0%)
- Blue (95%)



- Red (95%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (100%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 110.730, 328.233 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 57, 110.730, 328.233 by changing the saturation by 10% instead.


 57, 110.730,
328.233


 57, 110.730,
328.233


 100, 110.730,
328.233


 47, 110.730,
328.233


 77, 110.730,
328.233


 37, 110.730,
328.233


 87, 110.730,
328.233

 27, 110.730,
328.233

 97, 110.730,
328.233

 17, 110.730,
328.233

 7, 110.730,
328.233

 0, 110.730,
328.233

■ 57, 110.730,
328.233

■ 57, 110.730,
328.233

■ 57, 110.603,
328.229

■ 58, 108.475,
328.164

■ 59, 103.874,
328.020

■ 61, 96.414,
327.784

■ 64, 86.331,
327.458

■ 68, 74.124,
327.053

■ 73, 60.389,
326.586

■ 78, 45.694,
326.073

■ 83, 30.513,

325.532

■ 89, 15.202,
324.971

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57, 110.730, 328.233



83, 114.633, 136.016

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57, 110.730, 328.233



57, 110.730, 18.233



57, 110.730, 148.233



57, 110.730, 198.233

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57, 110.603, 328.229



82, 47.892, 326.078



30, 127.394, 306.143



41, 32.583, 326.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 110.603, 328.229



60, 115.567, 328.229



52, 81.228, 1.183



47, 8.608, 324.941



44, 90.297, 328.229



10, 39.418, 328.230

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50, 100.080, 39.998



53, 104.572, 39.998



84, 87.433, 147.910



47, 4.993, 19.932



38, 81.699, 39.992



8, 29.836, 23.803

Previews

White Background



This preview shows how the CIELCh color 57, 110.730, 328.233 looks on a white background.

Color Contrast Check

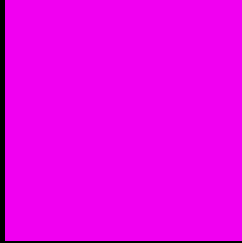
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 57, 110.730, 328.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

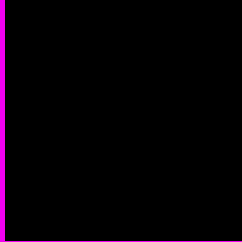
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 110.730, 328.233

Background



This preview shows how black text looks on a background with the CIELCh color 57, 110.730, 328.233.



This preview shows how white text looks on a background with the CIELCh color 57, 110.730, 328.233.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57, 110.730, 328.233

Protanopia

58, 68.948, 286.874

Deuteranopia

58, 50.490, 279.456



Tritanopia
57, 56.217, 23.326

Trichromacy



Original Color
57, 110.730, 328.233



Protanomaly
50, 94.548, 307.047



Deuteranomaly
50, 83.018, 308.392



Tritanomaly
55, 72.263, 351.046

Monochromacy



Original Color
57, 110.730, 328.233



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 57.992, 326.975

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 110.730, 328.233 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 0, 241)` looks like.

```
.text, #text, p{  
    color:rgb(241, 0, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 0, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 0, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 110.730, 328.233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 0, 241) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(241, 0, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(241, 0, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 0, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 0, 241);  
box-shadow:4px 4px 4px 4px rgb(241, 0,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 110.730, 328.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 0, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241, 0,  
241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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