

Converting Colors

CIELCh(63, 105.600, 327.965)

Have a look what the booklet for
CIELCh(63, 105.600, 327.965)
contains.

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Color

CIELCh(63, 105.610, 327.944)

Conversions

Conversions Part 1

Format	Color
Hex	FE3DFE
RGB	254, 61, 254
RGB Percent	100%, 24%, 100%
CMY	0.0037, 0.7604, 0.0037
CMYK	0.00, 0.76, 0.00, 0.00
HSL	300°, 99%, 62%
HSV	300°, 76%, 100%
XYZ	60.4657, 31.5869, 96.7234
YIQ	140.7090, 53.0750, 100.9390

Conversions

Conversions Part 2

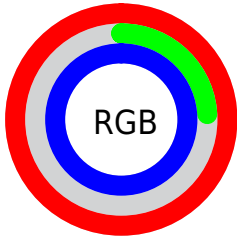
Format	Color
R _Y B	254, 61, 254
Decimal	16662014
CIE Lab	63.00, 89.51, -56.05
CIE LCh	63, 105.610, 327.944
Yxy	31.5869, 0.3203, 0.1673
Android (android.graphics.Color)	4294852094 (0xFFFE3DFE)
YUV	140.7090, 55.8525, 99.3562
Hunter-Lab	56.2022, 93.6869, -62.6958

Details

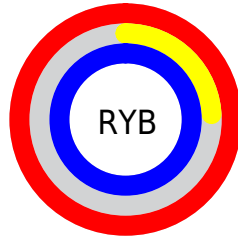
The CIELCh color **63, 105.610, 327.944** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 108.078, 137.408**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 76.857, 327.036**, and **46, 94.863, 327.626** is the 20% darker color. If you saturate the color by 10%, you get **61, 111.556, 328.123**, and if you desaturate by 10%, it is **66, 96.712, 327.671**.

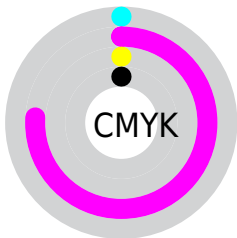
Distribution



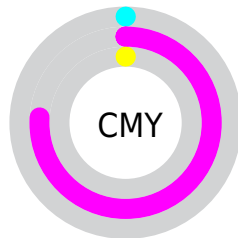
- Red (100%)
- Green (24%)
- Blue (100%)



- Red (100%)
- Yellow (24%)
- Blue (100%)



- Cyan (0%)
- Magenta (76%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (76%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 105.610, 327.944 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 63, 105.610, 327.944 by changing the saturation by 10% instead.


 63, 105.610,
327.944


 63, 105.610,
327.944


 100, 105.610,
327.944


 53, 105.610,
327.944


 83, 105.610,
327.944


 43, 105.610,
327.944

 93, 105.610,
327.944

 33, 105.610,
327.944

 23, 105.610,
327.944

 13, 105.610,
327.944

 3, 105.610,
327.944

 0, 105.610,

327.944

■ 63, 105.610,
327.944

■ 63, 105.610,
327.944

■ 61, 111.556,
328.123

■ 66, 96.712,
327.671

■ 60, 114.571,
328.213

■ 69, 85.247,
327.312

■ 60, 115.243,
328.233

■ 74, 71.794,
326.879

■ 79, 56.981,
326.391

■ 84, 41.372,
325.864

■ 90, 25.415,
325.313

96, 9.439, 324.739

100, 0.572,
144.967

100, 0.572,
144.979

Harmonies

Complementary

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



63, 105.610, 327.944



88, 108.078, 137.408

Rectangle

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



63, 105.610, 327.944



63, 105.610, 17.944



63, 105.610, 147.944



63, 105.610, 197.944

Sweetspot

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



63, 105.607, 327.944



86, 36.785, 325.703



40, 112.153, 303.258



44, 25.446, 325.899



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 105.607, 327.944



61, 113.747, 328.179



59, 77.786, 354.368



50, 9.057, 324.947



45, 93.082, 328.233



12, 42.822, 328.233

Inverse Universe

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



63, 105.607, 327.944



61, 113.747, 328.179



89, 75.277, 153.918



50, 9.057, 324.947



45, 93.082, 328.233



12, 42.822, 328.233

Previews

White Background



This preview shows how the CIELCh color 63, 105.610, 327.944 looks on a white background.

Color Contrast Check

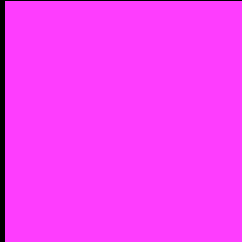
Large Text (above 18pt) WCAG AA × Fail

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 63, 105.610, 327.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

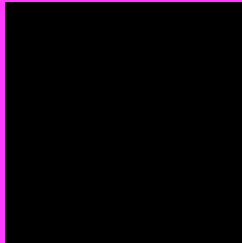
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 105.610, 327.944

Background



This preview shows how black text looks on a background with the CIELCh color 63, 105.610, 327.944.



This preview shows how white text looks on a background with the CIELCh color 63, 105.610, 327.944.

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

63, 105.610, 327.944

Protanopia

63, 59.489, 285.893

Deuteranopia

63, 50.517, 281.022



Tritanopia
63, 53.263, 21.376

Trichromacy



Original Color
63, 105.610, 327.944



Protanomaly
59, 78.326, 306.361



Deuteranomaly
59, 72.398, 306.222

Tritanomaly
62, 65.613, 350.909

Monochromacy



Original Color
63, 105.610, 327.944



Achromatopsia
59, 0.008, 296.813



Achromatomaly
57, 46.402, 326.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 105.610, 327.944 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(254, 61, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 61, 254)  
}
```

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(254, 61, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 61, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 105.610, 327.944 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(254, 61, 254) }
```

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

```
.border{ border-color:rgb(254, 61, 254) }
```

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

Here you see how a box with a 4 pixel rgb(254, 61, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 61, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 61, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 61,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 105.610, 327.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 61, 254) }
```

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

```
.background{ background-color: rgb(254, 61,  
254) }
```

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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