

Converting Colors

CIELCh(63, 107.880, 328.003)

Have a look what the booklet for
CIELCh(63, 107.880, 328.003)
contains.

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Color

CIELCh(63, 107.408, 327.989)

Conversions

Conversions Part 1

Format	Color
Hex	FF39FF
RGB	255, 57, 255
RGB Percent	100%, 22%, 100%
CMY	0.0000, 0.7765, 0.0000
CMYK	0.00, 0.78, 0.00, 0.00
HSL	300°, 100%, 61%
HSV	300°, 78%, 100%
XYZ	61.1298, 31.5869, 98.0618
YIQ	138.7740, 54.4500, 103.5540

Conversions

Conversions Part 2

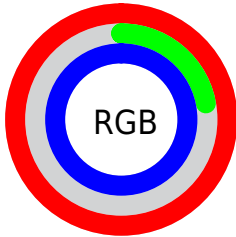
Format	Color
R _Y B	255, 57, 255
Decimal	16726527
CIE Lab	63.00, 91.08, -56.94
CIE LCh	63, 107.408, 327.989
Yxy	31.5869, 0.3204, 0.1656
Android (android.graphics.Color)	4294916607 (0xFFFF39FF)
YUV	138.7740, 57.2994, 101.9302
Hunter-Lab	56.2022, 95.7961, -64.1078

Details

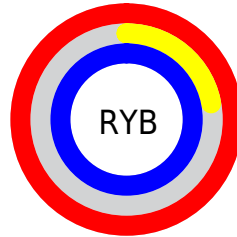
The CIELCh color **63, 107.408, 327.989** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 109.789, 137.246**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 78.466, 327.088**, and **46, 95.224, 327.629** is the 20% darker color. If you saturate the color by 10%, you get **61, 112.588, 328.144**, and if you desaturate by 10%, it is **65, 98.701, 327.724**.

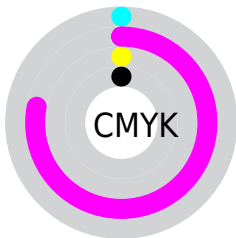
Distribution



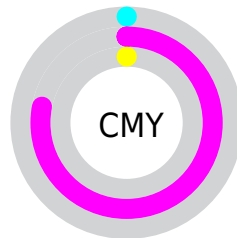
- Red (100%)
- Green (22%)
- Blue (100%)



- Red (100%)
- Yellow (22%)
- Blue (100%)



- Cyan (0%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (78%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 107.408, 327.989 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, 107.408, 327.989 by changing the saturation by 10% instead.


 63, 107.408,
327.989


 63, 107.408,
327.989


 100, 107.408,
327.989


 53, 107.408,
327.989


 83, 107.408,
327.989


 43, 107.408,
327.989

 93, 107.408,
327.989

 33, 107.408,
327.989

 23, 107.408,
327.989

 13, 107.408,
327.989

 3, 107.408,
327.989

 0, 107.408,

327.989

■ 63, 107.408,
327.989

■ 63, 107.408,
327.989

■ 61, 112.588,
328.144

■ 65, 98.701,
327.724

■ 60, 115.176,
328.221

■ 69, 87.602,
327.378

■ 60, 115.567,
328.233

■ 73, 74.403,
326.957

■ 78, 59.735,
326.477

■ 83, 44.179,
325.955

■ 89, 28.207,
325.407

95, 12.168,
324.839

100, 0.012,
296.813

Harmonies

Complementary

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



63, 107.408, 327.989



88, 109.789, 137.246

Rectangle

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



63, 107.408, 327.989



63, 107.408, 17.989



63, 107.408, 147.989



63, 107.408, 197.989

Sweetspot

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



63, 107.137, 327.981



86, 36.785, 325.703



40, 114.830, 303.597



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, 107.137, 327.981



61, 114.290, 328.195



59, 78.922, 354.834



50, 9.057, 324.947



45, 93.083, 328.233



12, 42.823, 328.233

Inverse Universe

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



63, 107.137, 327.981



61, 114.290, 328.195



89, 76.702, 153.579



50, 9.057, 324.947



45, 93.083, 328.233



12, 42.823, 328.233

Previews

White Background



This preview shows how the CIELCh color 63, 107.408, 327.989 looks on a white background.

Color Contrast Check

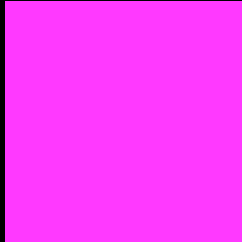
Large Text (above 18pt) WCAG AA × Fail

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, 107.408, 327.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

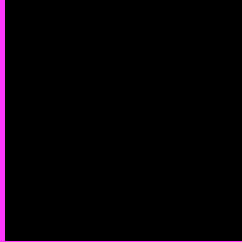
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 107.408, 327.989

Background



This preview shows how black text looks on a background with the CIELCh color 63, 107.408, 327.989.



This preview shows how white text looks on a background with the CIELCh color 63, 107.408, 327.989.

327.989.

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, 107.137, 327.981

Protanopia

63, 59.519, 285.697

Deuteranopia

63, 50.602, 280.547



Tritanopia
63, 54.261, 22.167

Trichromacy



Original Color
63, 107.137, 327.981



Protanomaly
59, 78.927, 306.535



Deuteranomaly
59, 73.604, 306.377



Tritanomaly
61, 66.538, 351.321

Monochromacy



Original Color
63, 107.137, 327.981



Achromatopsia
58, 0.007, 296.813



Achromatomaly
56, 47.705, 326.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 107.408, 327.989 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(255, 57, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 57, 255)  
}
```

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(255, 57, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 57, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 107.408, 327.989 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(255, 57, 255) }
```

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

```
.border{ border-color:rgb(255, 57, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 57, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 57, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 57, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 57,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 107.408, 327.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 57, 255) }
```

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

```
.background{ background-color: rgb(255, 57,  
255) }
```

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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