

# Converting Colors

CIELCh(61, 108.637, 326.919)

Have a look what the booklet for  
CIELCh(61, 108.637, 326.919)  
contains.

<b>CIELCh(61, 108.501, 326.852)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	21
<i><b>Color Blindness Simulation</b></i> .....	25
<i><b>CSS Examples</b></i> .....	28

**Color**

**CIELCh(61, 108.501, 326.852)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F732FE
RGB	247, 50, 254
RGB Percent	97%, 20%, 100%
CMY	0.0310, 0.8033, 0.0035
CMYK	0.03, 0.80, 0.00, 0.00
HSL	298°, 99%, 60%
HSV	298°, 80%, 100%
XYZ	57.4446, 29.2481, 96.4643
YIQ	132.1590, 51.9280, 105.2080

# Conversions

## Conversions Part 2

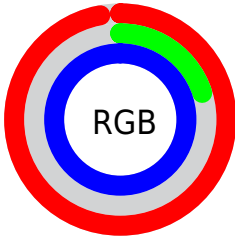
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 50, 254
Decimal	16200446
CIE <sub>Lab</sub>	61.00, 90.84, -59.33
CIE <sub>LCh</sub>	61, 108.501, 326.852
Y <sub>xy</sub>	29.2481, 0.3136, 0.1597
Android (android.graphics.Color)	4294390526 (0xFFFF732FE)
Y <sub>UV</sub>	132.1590, 60.0676, 100.7156
Hunter-Lab	54.0815, 94.9572, -67.8974

# Details

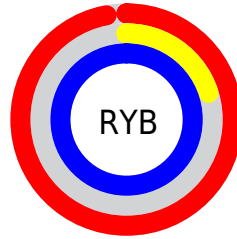
The CIELCh color **61, 108.501, 326.852** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 110.945, 136.683**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 81.096, 327.172**, and **45, 95.059, 326.224** is the 20% darker color. If you saturate the color by 10%, you get **59, 113.308, 326.904**, and if you desaturate by 10%, it is **64, 100.667, 326.683**.

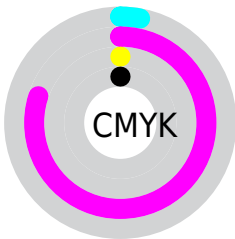
# Distribution



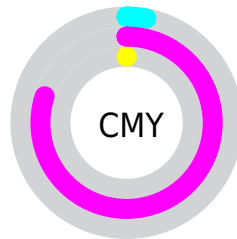
- Red (97%)
- Green (20%)
- Blue (100%)



- Red (97%)
- Yellow (20%)
- Blue (100%)



- Cyan (3%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (80%)
- Yellow (0%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 108.501, 326.852 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 61, 108.501, 326.852 by changing the saturation by 10% instead.





 61, 108.501,  
326.852


 61, 108.501,  
326.852


 100, 108.501,  
326.852


 51, 108.501,  
326.852


 81, 108.501,  
326.852


 41, 108.501,  
326.852

 91, 108.501,  
326.852

 31, 108.501,  
326.852


 21, 108.501,  
326.852


 11, 108.501,  
326.852


 1, 108.501,  
326.852


 0, 108.501,


326.852


 61, 108.501,  
326.852


 61, 108.501,  
326.852


 59, 113.308,  
326.904


 64, 100.667,  
326.683


 59, 115.450,  
326.857

 67, 90.091,  
326.406

 71, 77.324,  
326.037

 76, 63.005,  
325.598

 81, 47.731,  
325.109

 87, 31.986,  
324.589

93, 16.131,  
324.050

100, 0.414,  
322.817

100, 0.447,  
112.415

# Harmonies

# Complementary

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



61, 108.501, 326.852



88, 110.945, 136.683

# Rectangle

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



61, 108.501, 326.852



61, 108.501, 16.852



61, 108.501, 146.852



61, 108.501, 196.852

# Sweetspot

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



61, 108.498, 326.852



85, 38.014, 324.786



40, 112.918, 302.831



43, 26.105, 324.971



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

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



61, 108.498, 326.852



59, 115.064, 326.883



58, 81.535, 351.788



50, 8.961, 324.009



44, 93.236, 326.880



12, 42.883, 327.041



# Inverse Universe

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



56, 87.450, 32.328



54, 101.173, 38.160



89, 82.102, 150.621



49, 5.254, 17.168



40, 82.736, 38.678



10, 33.087, 25.805



# Previews

## White Background



This preview shows how the CIELCh color 61, 108.501, 326.852 looks on a white background.

## Color Contrast Check

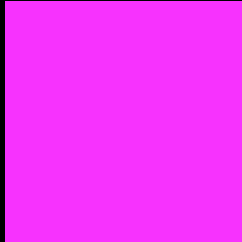
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the CIELCh color 61, 108.501, 326.852 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 61, 108.501, 326.852

## Background



This preview shows how black text looks on a background with the CIELCh color 61, 108.501, 326.852.



This preview shows how white text looks on a background with the CIELCh color 61, 108.501, 326.852.





# 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

61, 108.501, 326.852

### Protanopia

61, 62.636, 286.020

### Deuteranopia

61, 52.695, 279.892



**Tritanopia**  
61, 52.008, 21.824

# Trichromacy



**Original Color**  
61, 108.501, 326.852



**Protanomaly**  
57, 82.478, 305.650



**Deuteranomaly**  
56, 76.019, 305.029



**Tritanomaly**  
60, 65.960, 349.625

# Monochromacy



**Original Color**  
61, 108.501, 326.852



**Achromatopsia**  
55, 0.007, 296.813



**Achromatomaly**  
54, 48.853, 325.852

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 61, 108.501, 326.852 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(247, 50, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 50, 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(247, 50, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 50, 254) }
```

## Border

The CSS property to change the border of an element to CIELCh 61, 108.501, 326.852 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(247, 50, 254) }
```

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

```
.border{ border-color:rgb(247, 50, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 50, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 50, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 50, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 50,  
254) }
```

# Background

The CSS property to change the background color of an element to CIELCh 61, 108.501, 326.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 50, 254) }
```

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

```
.background{ background-color: rgb(247, 50,  
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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