

Converting Colors

CIELCh(61, 109.772, 327.492)

Have a look what the booklet for
CIELCh(61, 109.772, 327.492)
contains.

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Color

CIELCh(61, 109.907, 327.407)

Conversions

Conversions Part 1

Format	Color
Hex	FA2CFE
RGB	250, 44, 254
RGB Percent	98%, 17%, 100%
CMY	0.0200, 0.8280, 0.0042
CMYK	0.02, 0.83, 0.00, 0.00
HSL	299°, 99%, 58%
HSV	299°, 83%, 100%
XYZ	58.1630, 29.2481, 96.2755
YIQ	129.5340, 55.3660, 108.9820

Conversions

Conversions Part 2

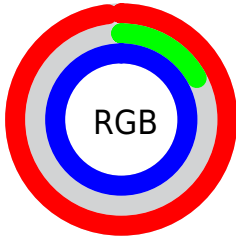
Format	Color
R _{YB}	250, 44, 254
Decimal	16395518
CIE Lab	61.00, 92.60, -59.20
CIE LCh	61, 109.907, 327.407
Yxy	29.2481, 0.3166, 0.1592
Android (android.graphics.Color)	4294585598 (0xFFFA2CFE)
YUV	129.5340, 61.3617, 105.6487
Hunter-Lab	54.0815, 97.3284, -67.6905

Details

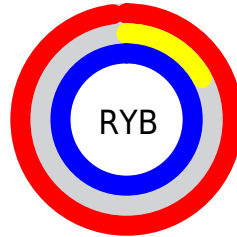
The CIELCh color **61, 109.907, 327.407** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **88, 112.808, 136.656**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 82.642, 327.221**, and **45, 94.966, 326.822** is the 20% darker color. If you saturate the color by 10%, you get **60, 113.910, 327.472**, and if you desaturate by 10%, it is **63, 102.889, 327.237**.

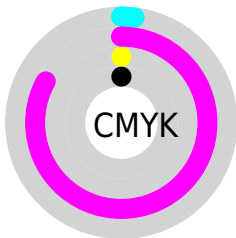
Distribution



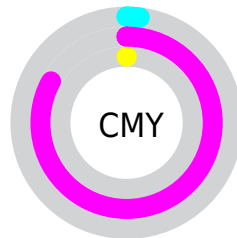
- Red (98%)
- Green (17%)
- Blue (100%)



- Red (98%)
- Yellow (17%)
- Blue (100%)



- Cyan (2%)
- Magenta (83%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (83%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 109.907, 327.407 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, 109.907, 327.407 by changing the saturation by 10% instead.


 61, 109.907,
327.407


 61, 109.907,
327.407


 100, 109.907,
327.407


 51, 109.907,
327.407


 81, 109.907,
327.407


 41, 109.907,
327.407

 91, 109.907,
327.407

 31, 109.907,
327.407

 21, 109.907,
327.407

 11, 109.907,
327.407

 1, 109.907,
327.407

 0, 109.907,

327.407

■ 61, 109.907,
327.407

■ 61, 109.907,
327.407

■ 60, 113.910,
327.472

■ 63, 102.889,
327.237

■ 59, 115.292,
327.465

■ 66, 93.024,
326.963

■ 70, 80.793,
326.600

■ 75, 66.821,
326.163

■ 80, 51.724,
325.674

■ 86, 36.022,
325.151

92, 20.114,
324.607

98, 4.283, 324.011

100, 0.598,
135.259

Harmonies

Complementary

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



61, 109.907, 327.407



88, 112.808, 136.656

Rectangle

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



61, 109.907, 327.407



61, 109.907, 17.407



61, 109.907, 147.407



61, 109.907, 197.407

Sweetspot

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



61, 109.904, 327.407



85, 39.764, 325.272



38, 117.736, 303.770



43, 27.108, 325.457



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, 109.904, 327.407



60, 115.494, 327.467



57, 81.918, 353.714



50, 9.003, 324.428



45, 93.160, 327.478



12, 42.853, 327.569

Inverse Universe

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



55, 90.730, 34.199



53, 103.336, 39.284



89, 82.484, 150.894



49, 5.252, 18.400



40, 83.371, 39.252



10, 33.209, 26.416

Previews

White Background



This preview shows how the CIE LCh color 61, 109.907, 327.407 looks on a white background.

Color Contrast Check

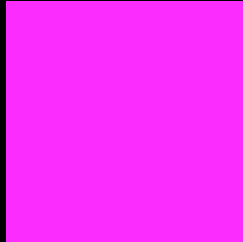
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 109.907, 327.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

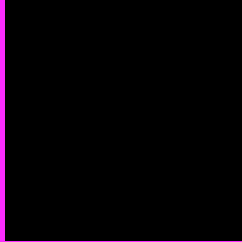
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 109.907, 327.407

Background



This preview shows how black text looks on a background with the CIELCh color 61, 109.907, 327.407.



This preview shows how white text looks on a background with the CIELCh color 61, 109.907, 327.407.

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, 109.907, 327.407

Protanopia

61, 62.636, 286.020

Deuteranopia

61, 52.655, 280.095



Tritanopia
61, 54.182, 22.352

Trichromacy



Original Color
61, 109.907, 327.407



Protanomaly
57, 83.667, 306.170



Deuteranomaly
56, 77.245, 305.814



Tritanomaly
59, 67.953, 350.751

Monochromacy



Original Color
61, 109.907, 327.407



Achromatopsia
54, 0.007, 296.813



Achromatomaly
53, 50.319, 326.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 109.907, 327.407 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(250, 44, 254)` looks like.

```
.text, #text, p{  
    color:rgb(250, 44, 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(250, 44, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 44, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 109.907, 327.407 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(250, 44, 254) }
```

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

```
.border{ border-color:rgb(250, 44, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 44, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 44, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 44, 254);  
box-shadow:4px 4px 4px 4px rgb(250, 44,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 109.907, 327.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 44, 254) }
```

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

```
.background{ background-color: rgb(250, 44,  
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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