

Converting Colors

CIELCh(60, 113.311, 327.741)

Have a look what the booklet for
CIELCh(60, 113.311, 327.741)
contains.

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Color

CIELCh(60, 113.171, 327.857)

Conversions

Conversions Part 1

Format	Color
Hex	FB16FD
RGB	251, 22, 253
RGB Percent	98%, 9%, 99%
CMY	0.0162, 0.9153, 0.0084
CMYK	0.01, 0.91, 0.00, 0.01
HSL	299°, 98%, 54%
HSV	299°, 91%, 99%
XYZ	57.7183, 28.1233, 95.2012
YIQ	116.8050, 62.3330, 120.3890

Conversions

Conversions Part 2

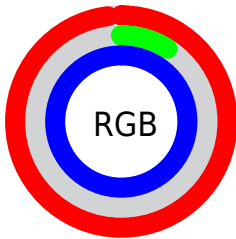
Format	Color
R _Y B	251, 22, 253
Decimal	16455421
CIE Lab	60.00, 95.82, -60.21
CIE LCh	60, 113.171, 327.857
Yxy	28.1233, 0.3188, 0.1553
Android (android.graphics.Color)	4294645501 (0xFFFB16FD)
YUV	116.8050, 67.1441, 117.6890
Hunter-Lab	53.0314, 101.4708, -69.3145

Details

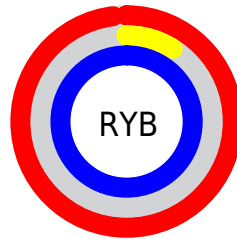
The CIELCh color **60, 113.171, 327.857** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **87, 116.894, 136.243**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 87.120, 327.363**, and **45, 94.577, 327.017** is the 20% darker color. If you saturate the color by 10%, you get **59, 114.874, 327.883**, and if you desaturate by 10%, it is **61, 108.841, 327.752**.

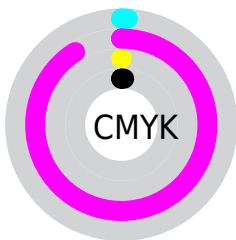
Distribution



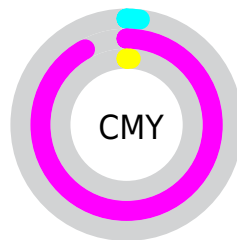
- Red (98%)
- Green (9%)
- Blue (99%)



- Red (98%)
- Yellow (9%)
- Blue (99%)



- Cyan (1%)
- Magenta (91%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (92%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 113.171, 327.857 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 60, 113.171, 327.857 by changing the saturation by 10% instead.


 60, 113.171,
327.857


 60, 113.171,
327.857


 100, 113.171,
327.857


 50, 113.171,
327.857


 80, 113.171,
327.857


 40, 113.171,
327.857

 90, 113.171,
327.857

 30, 113.171,
327.857

 20, 113.171,
327.857

 10, 113.171,
327.857

 0, 113.171,
327.857

■ 60, 113.171,
327.857

■ 60, 113.171,
327.857

■ 59, 114.874,
327.883

■ 61, 108.841,
327.752

■ 64, 101.520,
327.547

■ 67, 91.401,
327.247

■ 71, 78.983,
326.862

■ 75, 64.889,
326.410

■ 81, 49.724,
325.908

■ 86, 33.998,
325.374

■ 92, 18.096,

324.821

98, 2.292, 324.159

Harmonies

Complementary

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



60, 113.171, 327.857



87, 116.894, 136.243

Rectangle

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



60, 113.171, 327.857



60, 113.171, 17.857



60, 113.171, 147.857



60, 113.171, 197.857

Sweetspot

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



60, 113.168, 327.857



84, 43.052, 325.674



34, 127.649, 305.461



43, 28.972, 325.854



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 113.168, 327.857



60, 115.608, 327.882



55, 83.485, 357.919



50, 9.032, 324.711



45, 93.115, 327.888



12, 42.836, 327.930

Inverse Universe

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



53, 98.747, 37.790



53, 104.228, 39.759



88, 86.284, 149.794



49, 5.253, 19.241



40, 83.830, 39.656



10, 33.295, 26.831

Previews

White Background



This preview shows how the CIE LCh color 60, 113.171, 327.857 looks on a white background.

Color Contrast Check

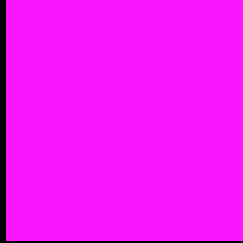
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 113.171, 327.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

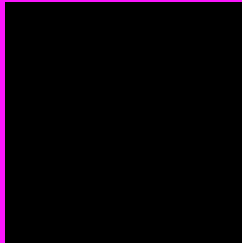
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 113.171, 327.857

Background



This preview shows how black text looks on a background with the CIELCh color 60, 113.171, 327.857.



This preview shows how white text looks on a background with the CIELCh color 60, 113.171, 327.857.

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

60, 113.171, 327.857

Protanopia

61, 63.912, 286.035

Deuteranopia

61, 52.875, 279.661



Tritanopia
60, 57.105, 23.668

Trichromacy



Original Color
60, 113.171, 327.857



Protanomaly
54, 89.008, 307.245



Deuteranomaly
54, 81.592, 306.880



Tritanomaly
58, 71.715, 351.416

Monochromacy



Original Color
60, 113.171, 327.857



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 55.548, 327.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 113.171, 327.857 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(251, 22, 253)` looks like.

```
.text, #text, p{  
    color:rgb(251, 22, 253)  
}
```

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(251, 22, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 22, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 113.171, 327.857 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(251, 22, 253) }
```

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

```
.border{ border-color:rgb(251, 22, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 22, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 22, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 22, 253);  
box-shadow:4px 4px 4px 4px rgb(251, 22,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 113.171, 327.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 22, 253) }
```

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

```
.background{ background-color: rgb(251, 22,  
253) }
```

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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