

Converting Colors

CIELCh(60, 104.026, 329.211)

Have a look what the booklet for
CIELCh(60, 104.026, 329.211)
contains.

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Color

CIELCh(60, 104.017, 329.285)

Conversions

Conversions Part 1

Format	Color
Hex	F72FF0
RGB	247, 47, 240
RGB Percent	97%, 18%, 94%
CMY	0.0311, 0.8152, 0.0586
CMYK	0.00, 0.81, 0.03, 0.03
HSL	302°, 93%, 58%
HSV	302°, 81%, 97%
XYZ	55.1407, 28.1233, 85.0115
YIQ	128.8020, 57.2470, 102.4230

Conversions

Conversions Part 2

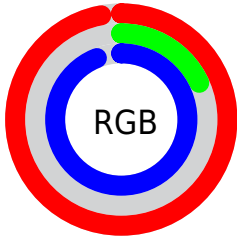
Format	Color
R _Y B	247, 47, 240
Decimal	16199664
CIE Lab	60.00, 89.43, -53.13
CIE LCh	60, 104.017, 329.285
Yxy	28.1233, 0.3277, 0.1671
Android (android.graphics.Color)	4294389744 (0xFFFF72FF0)
YUV	128.8020, 54.8206, 103.6596
Hunter-Lab	53.0314, 92.7948, -57.9222

Details

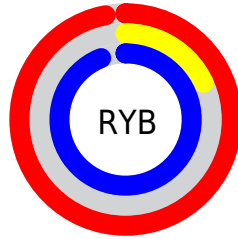
The CIELCh color **60, 104.017, 329.285** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **86, 107.945, 137.551**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 82.129, 327.205**, and **44, 90.030, 328.883** is the 20% darker color. If you saturate the color by 10%, you get **59, 108.141, 329.528**, and if you desaturate by 10%, it is **62, 96.951, 328.973**.

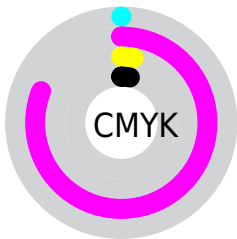
Distribution



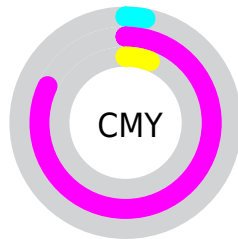
- Red (97%)
- Green (18%)
- Blue (94%)



- Red (97%)
- Yellow (18%)
- Blue (94%)



- Cyan (0%)
- Magenta (81%)
- Yellow (3%)
- Black (3%)





- Cyan (3%)
- Magenta (82%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 104.017, 329.285 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, 104.017, 329.285 by changing the saturation by 10% instead.


 60, 104.017,
329.285


 60, 104.017,
329.285

 100, 104.017,
329.285


 50, 104.017,
329.285


 80, 104.017,
329.285


 40, 104.017,
329.285

 90, 104.017,
329.285

 30, 104.017,
329.285

 20, 104.017,
329.285

 10, 104.017,
329.285

 0, 104.017,
329.285

60, 104.017,
329.285

60, 104.017,
329.285

59, 108.141,
329.528

62, 96.951,
328.973

58, 109.725,
329.702

65, 87.173,
328.591

69, 75.182,
328.145

74, 61.592,
327.647

79, 46.990,
327.113

85, 31.864,
326.555

91, 16.584,
325.983

97, 1.408, 325.221

Harmonies

Complementary

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



60, 104.017, 329.285



86, 107.945, 137.551

Rectangle

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



60, 104.017, 329.285



60, 104.017, 19.285



60, 104.017, 149.285



60, 104.017, 199.285

Sweetspot

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



60, 104.014, 329.285



85, 37.488, 326.731



37, 115.863, 304.466



43, 25.735, 326.930



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, 104.014, 329.285



60, 111.968, 329.649



56, 77.737, 358.396



48, 8.553, 325.899



44, 88.758, 329.675



11, 39.606, 329.478

Inverse Universe

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



60, 104.014, 329.285



60, 111.968, 329.649



87, 74.492, 154.691



48, 8.553, 325.899



44, 88.758, 329.675



11, 39.606, 329.478

Previews

White Background



This preview shows how the CIELCh color 60, 104.017, 329.285 looks on a white background.

Color Contrast Check

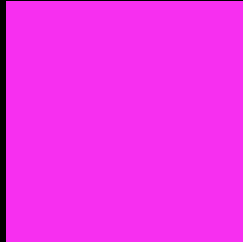
Large Text (above 18pt) WCAG AA ✓ Pass

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, 104.017, 329.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

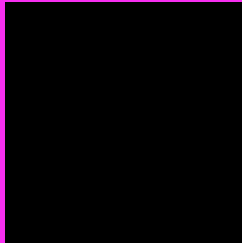
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 104.017, 329.285

Background



This preview shows how black text looks on a background with the CIELCh color 60, 104.017, 329.285.



This preview shows how white text looks on a background with the CIELCh color 60, 104.017, 329.285.

329.285.

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, 104.017, 329.285

Protanopia

60, 64.486, 286.443

Deuteranopia

60, 47.004, 280.663



Tritanopia
60, 55.671, 22.827

Trichromacy



Original Color
60, 104.017, 329.285



Protanomaly
56, 81.665, 305.780



Deuteranomaly
56, 71.086, 307.794



Tritanomaly
59, 66.576, 353.171

Monochromacy



Original Color
60, 104.017, 329.285



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 47.353, 327.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 104.017, 329.285 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, 47, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 47, 240)  
}
```

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, 47, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 47, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 104.017, 329.285 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, 47, 240) }
```

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

```
.border{ border-color:rgb(247, 47, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 47, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 47, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 47, 240);  
box-shadow:4px 4px 4px 4px rgb(247, 47,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 104.017, 329.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 47, 240) }
```

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

```
.background{ background-color: rgb(247, 47,  
240) }
```

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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