

Converting Colors

CIELCh(60, 112.202, 329.137)

Have a look what the booklet for
CIELCh(60, 112.202, 329.137)
contains.

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Color

CIELCh(60, 112.118, 329.191)

Conversions

Conversions Part 1

Format	Color
Hex	FE0EF8
RGB	254, 14, 248
RGB Percent	100%, 5%, 97%
CMY	0.0043, 0.9467, 0.0278
CMYK	0.00, 0.95, 0.02, 0.00
HSL	301°, 99%, 52%
HSV	301°, 95%, 100%
XYZ	57.9113, 28.1233, 91.1003
YIQ	112.4360, 67.9260, 123.6540

Conversions

Conversions Part 2

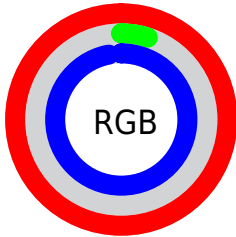
Format	Color
R _Y B	254, 14, 248
Decimal	16649976
CIE Lab	60.00, 96.30, -57.42
CIE LCh	60, 112.118, 329.191
Yxy	28.1233, 0.3269, 0.1588
Android (android.graphics.Color)	4294840056 (0xFFFE0EF8)
YUV	112.4360, 66.8331, 124.1516
Hunter-Lab	53.0314, 102.1203, -64.7295

Details

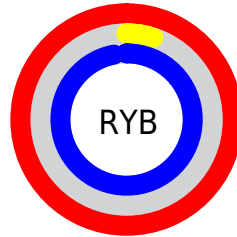
The CIELCh color **60, 112.118, 329.191** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **87, 117.752, 136.340**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **46, 92.974, 328.441** is the 20% darker color. If you saturate the color by 10%, you get **60, 112.916, 329.268**, and if you desaturate by 10%, it is **61, 108.936, 329.008**.

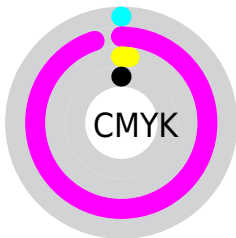
Distribution



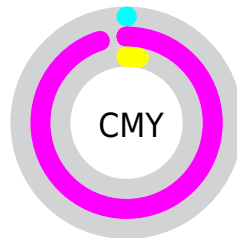
- Red (100%)
- Green (5%)
- Blue (97%)



- Red (100%)
- Yellow (5%)
- Blue (97%)



- Cyan (0%)
- Magenta (95%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (95%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 112.118, 329.191 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, 112.118, 329.191 by changing the saturation by 10% instead.


 60, 112.118,
329.191


 60, 112.118,
329.191


 100, 112.118,
329.191


 50, 112.118,
329.191


 80, 112.118,
329.191


 40, 112.118,
329.191

 90, 112.118,
329.191

 30, 112.118,
329.191

 20, 112.118,
329.191

 10, 112.118,
329.191

 0, 112.118,
329.191

■ 60, 112.118,
329.191

■ 60, 112.118,
329.191

■ 60, 112.916,
329.268

■ 61, 108.936,
329.008

■ 63, 102.785,
328.751

■ 66, 93.722,
328.416

■ 70, 82.170,
328.008

■ 74, 68.733,
327.540

■ 79, 54.034,
327.026

■ 85, 38.618,
326.481

■ 91, 22.914,

325.917

 97, 7.229, 325.327

Harmonies

Complementary

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



60, 112.118, 329.191



87, 117.752, 136.340

Rectangle

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



60, 112.118, 329.191



60, 112.118, 19.191



60, 112.118, 149.191



60, 112.118, 199.191

Sweetspot

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



60, 112.115, 329.191



83, 43.997, 326.666



33, 130.932, 306.001



42, 30.308, 326.901



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, 112.115, 329.191



60, 113.289, 329.268



55, 83.588, 2.196



50, 8.905, 325.622



45, 91.279, 329.250



12, 42.092, 329.125

Inverse Universe

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



60, 112.115, 329.191



60, 113.289, 329.268



88, 85.381, 150.742



50, 8.905, 325.622



45, 91.279, 329.250



12, 42.092, 329.125

Previews

White Background



This preview shows how the CIE LCh color 60, 112.118, 329.191 looks on a white background.

Color Contrast Check

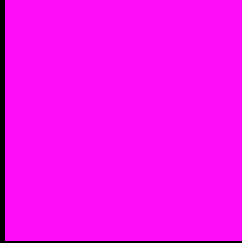
Large Text (above 18pt) WCAG AA ✓ Pass

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, 112.118, 329.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

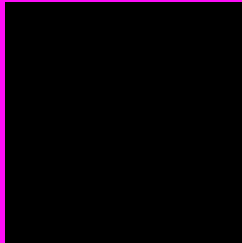
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 112.118, 329.191

Background



This preview shows how black text looks on a background with the CIELCh color 60, 112.118, 329.191.



This preview shows how white text looks on a background with the CIELCh color 60, 112.118, 329.191.

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, 112.118, 329.191

Protanopia

61, 63.912, 286.035

Deuteranopia

60, 50.509, 280.326



Tritanopia
60, 60.154, 24.373

Trichromacy



Original Color
60, 112.118, 329.191



Protanomaly
54, 89.680, 308.091



Deuteranomaly
53, 81.369, 308.936



Tritanomaly
58, 73.440, 353.248

Monochromacy



Original Color
60, 112.118, 329.191



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 56.609, 328.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 112.118, 329.191 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(254, 14, 248)` looks like.

```
.text, #text, p{  
    color:rgb(254, 14, 248)  
}
```

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(254, 14, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 14, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 112.118, 329.191 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(254, 14, 248) }
```

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

```
.border{ border-color:rgb(254, 14, 248) }
```

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

Here you see how a box with a 4 pixel rgb(254, 14, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 14, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 14, 248);  
box-shadow:4px 4px 4px 4px rgb(254, 14,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 112.118, 329.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 14, 248) }
```

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

```
.background{ background-color: rgb(254, 14,  
248) }
```

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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