

Converting Colors

CIELCh(57, 84.508, 351.725)

Have a look what the booklet for
CIELCh(57, 84.508, 351.725)
contains.

CIELCh(57, 84.519, 351.461)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(57, 84.519, 351.461)

Conversions

Conversions Part 1

Format	Color
Hex	FE23A1
RGB	254, 35, 161
RGB Percent	100%, 14%, 63%
CMY	0.0030, 0.8610, 0.3678
CMYK	0.00, 0.86, 0.37, 0.00
HSL	326°, 99%, 57%
HSV	326°, 86%, 100%
XYZ	48.0235, 24.9227, 36.0901
YIQ	114.8450, 90.0780, 85.6140

Conversions

Conversions Part 2

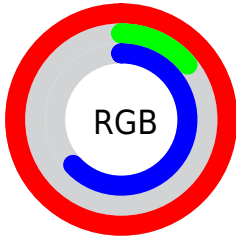
Format	Color
RYB	254, 35, 161
Decimal	16655265
CIELab	57.00, 83.58, -12.55
CIElCh	57, 84.519, 351.461
Yxy	24.9227, 0.4404, 0.2286
Android (android.graphics.Color)	4294845345 (0xFFFE23A1)
YUV	114.8450, 22.7544, 122.0389
Hunter-Lab	49.9226, 84.3452, -7.9162

Details

The CIELCh color **57, 84.519, 351.461** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **88, 88.126, 148.292**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 71.926, 337.496**, and **42, 69.656, 355.838** is the 20% darker color. If you saturate the color by 10%, you get **56, 85.912, 354.509**, and if you desaturate by 10%, it is **59, 80.456, 349.039**.

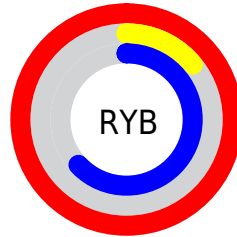
Distribution



Red (100%)

Green (14%)

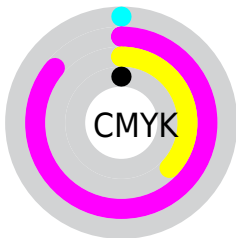
Blue (63%)



Red (100%)

Yellow (14%)

Blue (63%)

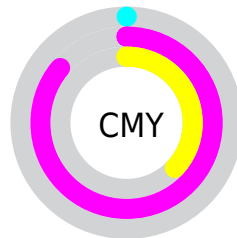


Cyan (0%)

Magenta (86%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (86%)


Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 84.519, 351.461 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 57, 84.519, 351.461 by changing the saturation by 10% instead.


 57, 84.519,
351.461


 57, 84.519,
351.461


 100, 84.519,
351.461

 47, 84.519,
351.461


 77, 84.519,
351.461

 37, 84.519,
351.461


 87, 84.519,
351.461

 27, 84.519,
351.461

 97, 84.519,
351.461

 17, 84.519,
351.461

 7, 84.519, 351.461

 0, 84.519, 351.461

■ 57, 84.519,
351.461

■ 57, 84.519,
351.461

■ 56, 85.912,
354.509

■ 59, 80.456,
349.039

■ 55, 86.029,
355.851

■ 63, 73.761,
347.101

■ 67, 64.877,
345.517

■ 72, 54.419,
344.186

■ 77, 42.989,
343.037

■ 83, 31.078,
342.021

■ 89, 19.041,
341.103

■ 96, 7.115, 340.236

100, 0.265,
201.888

Harmonies

Complementary

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



57, 84.519, 351.461



88, 88.126, 148.292

Rectangle

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



57, 84.519, 351.461



57, 84.519, 41.461



57, 84.519, 171.461



57, 84.519, 221.461

Sweetspot

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



57, 84.515, 351.462



83, 31.084, 342.016



43, 118.608, 310.557



42, 21.086, 342.355



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 84.515, 351.462



55, 86.223, 355.857



55, 90.432, 31.694



50, 6.717, 340.537



42, 69.636, 355.195



11, 32.766, 350.778

Inverse Universe

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



57, 84.515, 351.462



55, 86.223, 355.857



91, 52.167, 185.645



50, 6.717, 340.537



42, 69.636, 355.195



11, 32.766, 350.778

Previews

White Background



This preview shows how the CIELCh color 57, 84.519, 351.461 looks on a white background.

Color Contrast Check

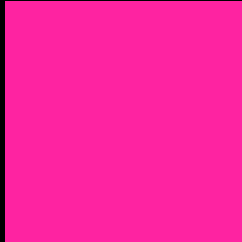
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 84.519, 351.461 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 57, 84.519, 351.461

Background



This preview shows how black text looks on a background with the CIELCh color 57, 84.519, 351.461.

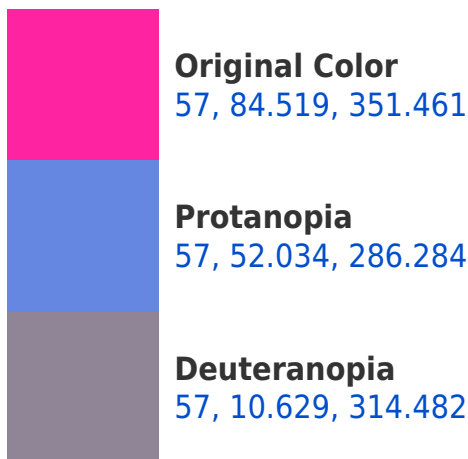


This preview shows how white text looks on a background with the CIELCh color 57, 84.519, 351.461.

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





Tritanopia
57, 77.843, 30.259

Trichromacy



Original Color
57, 84.519, 351.461



Protanomaly
52, 62.380, 313.742



Deuteranomaly
53, 44.538, 340.171



Tritanomaly
57, 76.195, 15.236

Monochromacy



Original Color
57, 84.519, 351.461



Achromatopsia
48, 0.006, 296.813



Achromatomaly
48, 40.223, 344.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 84.519, 351.461 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, 35, 161)` looks like.

```
.text, #text, p{  
    color:rgb(254, 35, 161)  
}
```

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, 35, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 35, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 84.519, 351.461 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, 35, 161) }
```

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

```
.border{ border-color:rgb(254, 35, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 35, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 35, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 35, 161);  
box-shadow:4px 4px 4px 4px rgb(254, 35,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 84.519, 351.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 35, 161) }
```

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

```
.background{ background-color: rgb(254, 35,  
161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor