

Converting Colors

CIELCh(63, 71.120, 349.219)

Have a look what the booklet for
CIELCh(63, 71.120, 349.219)
contains.

CIELCh(63, 71.104, 349.264)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(63, 71.104, 349.264)

Conversions

Conversions Part 1

Format	Color
Hex	FE5AB2
RGB	254, 90, 178
RGB Percent	100%, 35%, 70%
CMY	0.0040, 0.6471, 0.3021
CMYK	0.00, 0.65, 0.30, 0.00
HSL	328°, 99%, 67%
HSV	328°, 65%, 100%
XYZ	52.5504, 31.5869, 45.4338
YIQ	149.0680, 69.4960, 62.1360

Conversions

Conversions Part 2

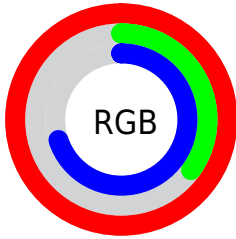
Format	Color
RYB	254, 90, 178
Decimal	16669362
CIELab	63.00, 69.86, -13.25
CIELCh	63, 71.104, 349.264
Yxy	31.5869, 0.4056, 0.2438
Android (android.graphics.Color)	4294859442 (0xFFFE5AB2)
YUV	149.0680, 14.2635, 92.0254
Hunter-Lab	56.2022, 68.5478, -8.5884

Details

The CIELCh color **63, 71.104, 349.264** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **90, 68.652, 154.202**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 57.424, 333.216**, and **43, 71.028, 349.364** is the 20% darker color. If you saturate the color by 10%, you get **59, 78.137, 351.361**, and if you desaturate by 10%, it is **67, 62.036, 347.565**.

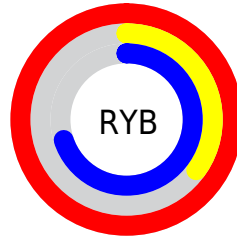
Distribution



Red (100%)

Green (35%)

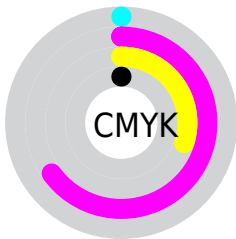
Blue (70%)



Red (100%)

Yellow (35%)

Blue (70%)

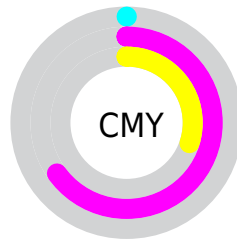


Cyan (0%)

Magenta (65%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (65%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 71.104, 349.264 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 63, 71.104, 349.264 by changing the saturation by 10% instead.


 63, 71.104,
349.264


 63, 71.104,
349.264


 100, 71.104,
349.264


 53, 71.104,
349.264


 83, 71.104,
349.264

 43, 71.104,
349.264

 93, 71.104,
349.264

 33, 71.104,
349.264

 23, 71.104,
349.264

 13, 71.104,
349.264

 3, 71.104, 349.264

 0, 71.104, 349.264

■ 63, 71.104,
349.264

■ 63, 71.104,
349.264

■ 59, 78.137,
351.361

■ 67, 62.036,
347.565

■ 57, 82.676,
353.999

■ 72, 51.557,
346.149

■ 55, 84.633,
357.333

■ 78, 40.241,
344.937

■ 55, 84.959,
359.412

■ 84, 28.546,
343.874

■ 90, 16.800,
342.920

■ 97, 5.214, 342.007

100, 0.357,
201.241

Harmonies

Complementary

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



63, 71.104, 349.264



90, 68.652, 154.202

Rectangle

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



63, 71.104, 349.264



63, 71.104, 39.264



63, 71.104, 169.264



63, 71.104, 219.264

Sweetspot

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



63, 71.100, 349.265



88, 22.066, 343.332



54, 93.291, 310.901



45, 15.218, 343.607



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 71.100, 349.265



59, 79.734, 351.951



61, 69.488, 25.558



50, 6.543, 342.464



41, 68.780, 358.672



11, 32.261, 353.649

Inverse Universe

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



63, 71.100, 349.265



59, 79.734, 351.951



92, 44.594, 191.140



50, 6.543, 342.464



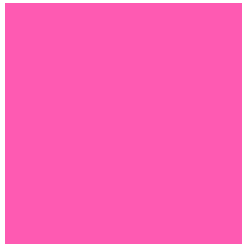
41, 68.780, 358.672



11, 32.261, 353.649

Previews

White Background



This preview shows how the CIELCh color 63, 71.104, 349.264 looks on a white background.

Color Contrast Check

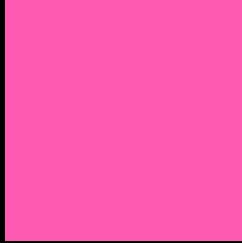
Large Text (above 18pt) WCAG AA × Fail

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 63, 71.104, 349.264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

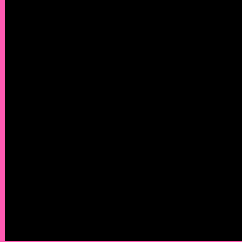
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 71.104, 349.264

Background



This preview shows how black text looks on a background with the CIELCh color 63, 71.104, 349.264.

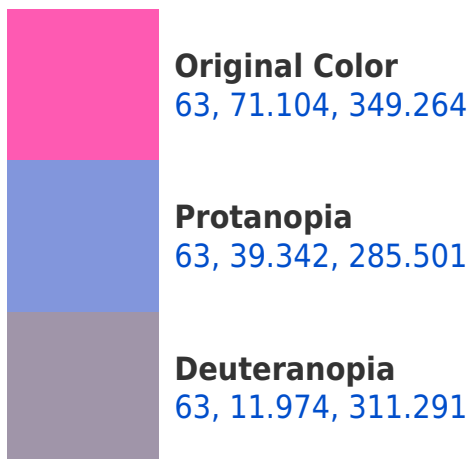


This preview shows how white text looks on a background with the CIELCh color 63, 71.104, 349.264.

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
63, 60.251, 23.524

Trichromacy



Original Color
63, 71.104, 349.264

Protanomaly
61, 46.170, 314.488

Deuteranomaly
62, 34.607, 338.257

Tritanomaly
63, 61.408, 9.452

Monochromacy



Original Color
63, 71.104, 349.264

Achromatopsia
62, 0.008, 296.813

Achromatomaly
60, 28.749, 344.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 71.104, 349.264 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, 90, 178)` looks like.

```
.text, #text, p{  
    color:rgb(254, 90, 178)  
}
```

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, 90, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 90, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 71.104, 349.264 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, 90, 178) }
```

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

```
.border{ border-color:rgb(254, 90, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 90, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 90, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 90, 178);  
box-shadow:4px 4px 4px 4px rgb(254, 90,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 71.104, 349.264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 90, 178) }
```

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

```
.background{ background-color: rgb(254, 90,  
178) }
```

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