

Converting Colors

CIELCh(92, 60.368, 351.564)

Have a look what the booklet for
CIELCh(92, 60.368, 351.564)
contains.

CIELCh(84, 41.591, 327.571)	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(84, 41.591, 327.571)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBFC
RGB	255, 187, 252
RGB Percent	100%, 73%, 99%
CMY	0.0000, 0.2665, 0.0114
CMYK	0.00, 0.27, 0.01, 0.00
HSL	303°, 100%, 87%
HSV	303°, 27%, 100%
XYZ	77.0152, 64.0658, 100.4807
YIQ	214.7420, 19.6630, 34.6310

Conversions

Conversions Part 2

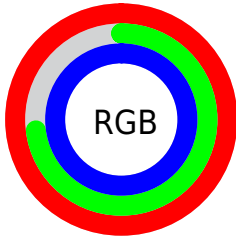
Format	Color
R _Y B	255, 187, 252
Decimal	16759804
CIE Lab	84.00, 35.11, -22.30
CIE LCh	84, 41.591, 327.571
Yxy	64.0658, 0.3188, 0.2652
Android (android.graphics.Color)	4294949884 (0xFFFFBBFC)
YUV	214.7420, 18.3682, 35.3063
Hunter-Lab	80.0411, 31.6801, -18.4018

Details

The CIELCh color **84, 41.591, 327.571** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **94, 41.368, 143.749**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 6.851, 324.635**, and **64, 41.144, 327.065** is the 20% darker color. If you saturate the color by 10%, you get **78, 56.571, 327.653**, and if you desaturate by 10%, it is **90, 25.842, 326.532**.

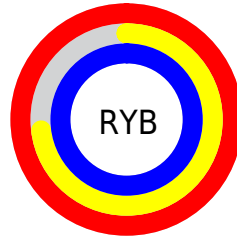
Distribution



Red (100%)

Green (73%)

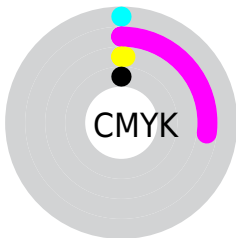
Blue (99%)



Red (100%)

Yellow (73%)

Blue (99%)

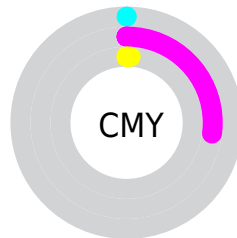


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 41.591, 327.571 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 84, 41.591, 327.571 by changing the saturation by 10% instead.


 84, 41.591,
327.571


 84, 41.591,
327.571


 100, 41.591,
327.571


 74, 41.591,
327.571

 64, 41.591,
327.571

 54, 41.591,
327.571

 44, 41.591,
327.571

 34, 41.591,
327.571

 24, 41.591,
327.571

 14, 41.591,

327.571

■ 4, 41.591, 327.571

■ 0, 41.591, 327.571

■ 84, 41.591,
327.571

■ 84, 41.591,
327.571

■ 78, 56.571,
327.653

■ 90, 25.842,
326.532

■ 73, 70.947,
328.176

■ 96, 10.266,
325.947

■ 69, 83.948,
328.656

100, 0.012,
296.813

■ 65, 94.941,
329.080

■ 63, 103.337,

329.441

■ 61, 108.763,
329.735

■ 60, 111.249,
329.972

■ 60, 111.685,
330.044

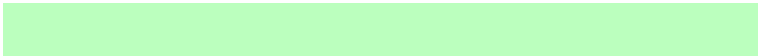
Harmonies

Complementary

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



84, 41.591, 327.571



94, 41.368, 143.749

Rectangle

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



84, 41.591, 327.571



84, 41.591, 17.571



84, 41.591, 147.571



84, 41.591, 197.571

Sweetspot

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



84, 41.386, 327.101



95, 12.368, 326.029



78, 36.453, 294.522



50, 8.798, 326.118



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 41.386, 327.101



81, 49.586, 327.399



83, 29.789, 348.034



50, 8.798, 326.118



45, 90.009, 330.012



12, 41.576, 329.789

Inverse Universe

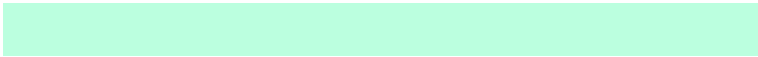
The Inverse Universe completely reimagines the original color for something new.



84, 41.386, 327.101



81, 49.586, 327.399



95, 28.642, 162.984



50, 8.798, 326.118



45, 90.009, 330.012



12, 41.576, 329.789

Previews

White Background



This preview shows how the CIE LCh color 84, 41.591, 327.571 looks on a white background.

Color Contrast Check

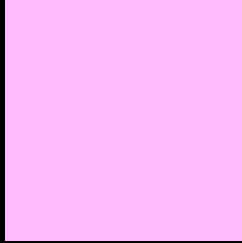
Large Text (above 18pt) WCAG AA × Fail

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 84, 41.591, 327.571 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 84, 41.591, 327.571

Background



This preview shows how black text looks on a background with the CIELCh color 84, 41.591, 327.571.



This preview shows how white text looks on a background with the CIELCh color 84, 41.591, 327.571.

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
84, 41.379, 327.142

Protanopia
84, 24.917, 284.792

Deuteranopia
84, 23.367, 297.058



Tritanopia
84, 21.506, 359.783

Trichromacy



Original Color
84, 41.379, 327.142



Protanomaly
84, 29.367, 304.993



Deuteranomaly
84, 29.321, 311.989

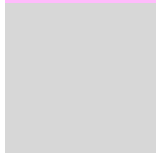


Tritanomaly
84, 27.437, 342.570

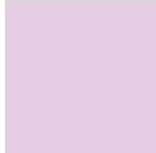
Monochromacy



Original Color
84, 41.379, 327.142



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 15.089, 327.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 41.591, 327.571 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(255, 187, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 252)  
}
```

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(255, 187, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 41.591, 327.571 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(255, 187, 252) }
```

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

```
.border{ border-color:rgb(255, 187, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
252) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 41.591, 327.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 252) }
```

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

```
.background{ background-color: rgb(255,  
187, 252) }
```

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