

Converting Colors

CIELCh(90, 43.411, 8.755)

Have a look what the booklet for
CIELCh(90, 43.411, 8.755) contains.

CIELCh(84, 25.184, 354.357)	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, 25.184, 354.357)

Conversions

Conversions Part 1

Format	Color
Hex	FEC1D7
RGB	254, 193, 215
RGB Percent	100%, 76%, 84%
CMY	0.0044, 0.2433, 0.1571
CMYK	0.00, 0.24, 0.15, 0.00
HSL	338°, 96%, 88%
HSV	338°, 24%, 100%
XYZ	72.1437, 64.0658, 72.8058
YIQ	213.7470, 29.2940, 19.7740

Conversions

Conversions Part 2

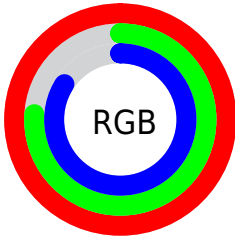
Format	Color
RYB	254, 193, 215
Decimal	16695767
CIELab	84.00, 25.06, -2.48
CIElCh	84, 25.184, 354.357
Yxy	64.0658, 0.3452, 0.3065
Android (android.graphics.Color)	4294885847 (0xFFFE1D7)
YUV	213.7470, 0.6177, 35.3019
Hunter-Lab	80.0411, 20.8161, 2.0983

Details

The CIELCh color **84, 25.184, 354.357** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 23.807, 169.571**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **64, 25.303, 354.911** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.038, 355.692**, and if you desaturate by 10%, it is **90, 14.471, 353.208**.

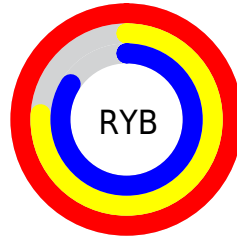
Distribution



Red (100%)

Green (76%)

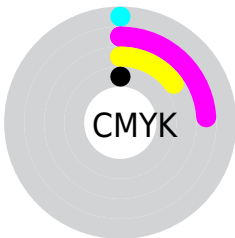
Blue (84%)



Red (100%)

Yellow (76%)

Blue (84%)

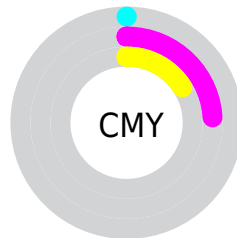


Cyan (0%)

Magenta (24%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 25.184, 354.357 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, 25.184, 354.357 by changing the saturation by 10% instead.


 84, 25.184,
354.357


 84, 25.184,
354.357


 100, 25.184,
354.357


 74, 25.184,
354.357

 64, 25.184,
354.357

 54, 25.184,
354.357

 44, 25.184,
354.357

 34, 25.184,
354.357

 24, 25.184,
354.357

 14, 25.184,

354.357

■ 4, 25.184, 354.357

■ 0, 25.184, 354.357

■ 84, 25.184,
354.357

■ 84, 25.184,
354.357

■ 78, 36.038,
355.692

■ 90, 14.471,
353.208

■ 72, 46.783,
357.276

■ 97, 4.065, 352.122

■ 67, 57.031,
359.208

100, 0.388,
201.088

■ 62, 66.283, 1.617

■ 59, 74.013, 4.670

■ 56, 79.846, 8.553

■ 54, 83.810, 13.391

■ 54, 85.674, 16.642

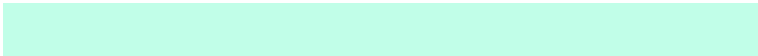
Harmonies

Complementary

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



84, 25.184, 354.357



95, 23.807, 169.571

Rectangle

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



84, 25.184, 354.357



84, 25.184, 44.357



84, 25.184, 174.357



84, 25.184, 224.357

Sweetspot

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



84, 25.181, 354.360



95, 7.174, 352.464



83, 34.907, 314.626



50, 4.666, 352.528



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, 25.181, 354.360



81, 30.713, 355.000



85, 20.824, 32.548



50, 5.852, 352.729



40, 68.988, 15.598



10, 31.293, 8.121

Inverse Universe

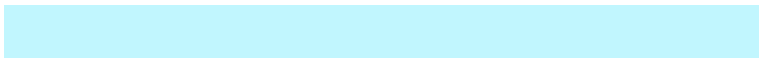
The Inverse Universe completely reimagines the original color for something new.



84, 25.181, 354.360



81, 30.713, 355.000



94, 17.604, 212.228



50, 5.852, 352.729



40, 68.988, 15.598



10, 31.293, 8.121

Previews

White Background



This preview shows how the CIELCh color 84, 25.184, 354.357 looks on a white background.

Color Contrast Check

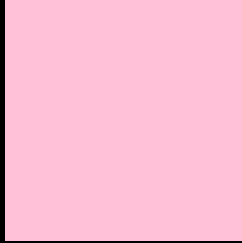
Large Text (above 18pt) WCAG AA × Fail

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, 25.184, 354.357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

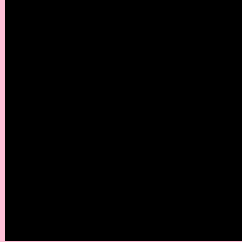
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 25.184, 354.357

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.184, 354.357.



This preview shows how white text looks on a background with the CIELCh color 84, 25.184, 354.357.

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, 25.206, 354.368

Protanopia

84, 7.913, 290.862

Deuteranopia

84, 10.891, 351.384

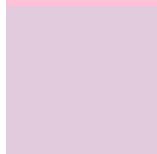


Tritanopia
84, 23.296, 1.691

Trichromacy



Original Color
84, 25.206, 354.368



Protanomaly
84, 12.409, 330.475



Deuteranomaly
84, 16.346, 351.921



Tritanomaly
84, 23.593, 359.256

Monochromacy



Original Color
84, 25.206, 354.368



Achromatopsia
86, 0.010, 296.813



Achromatomaly
85, 9.415, 353.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.184, 354.357 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, 193, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 193, 215)  
}
```

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, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 193, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.184, 354.357 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, 193, 215) }
```

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

```
.border{ border-color:rgb(254, 193, 215) }
```

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

Here you see how a box with a 4 pixel rgb(254, 193, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 193,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.184, 354.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 193, 215) }
```

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

```
.background{ background-color: rgb(254,  
193, 215) }
```

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