

Converting Colors

CIELCh(85, 17.322, 16.638)

Have a look what the booklet for
CIELCh(85, 17.322, 16.638) contains.

CIELCh(85, 17.354, 15.575)	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(85, 17.354, 15.575)

Conversions

Conversions Part 1

Format	Color
Hex	F7C9CC
RGB	247, 201, 204
RGB Percent	97%, 79%, 80%
CMY	0.0308, 0.2112, 0.1994
CMYK	0.00, 0.19, 0.17, 0.03
HSL	356°, 75%, 88%
HSV	356°, 19%, 97%
XYZ	70.2459, 66.0070, 66.2541
YIQ	215.0960, 26.4530, 10.6850

Conversions

Conversions Part 2

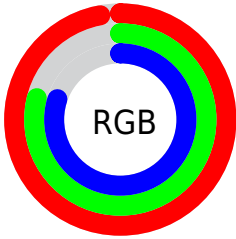
Format	Color
R _Y B	247, 201, 204
Decimal	16239052
CIE Lab	85.00, 16.72, 4.66
CIE LCh	85, 17.354, 15.575
Yxy	66.0070, 0.3469, 0.3259
Android (android.graphics.Color)	4294429132 (0xFFFF7C9CC)
YUV	215.0960, -5.4703, 27.9798
Hunter-Lab	81.2447, 12.1567, 8.5210

Details

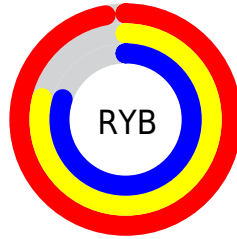
The CIELCh color **85, 17.354, 15.575** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 15.582, 192.730**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 17.258, 15.624** is the 20% darker color. If you saturate the color by 10%, you get **79, 27.591, 16.775**, and if you desaturate by 10%, it is **92, 7.751, 14.594**.

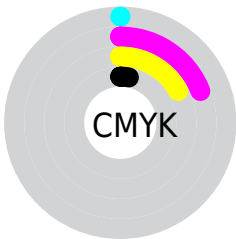
Distribution



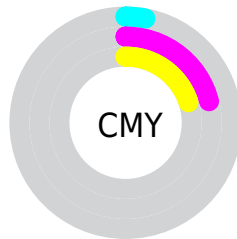
- Red (97%)
- Green (79%)
- Blue (80%)



- Red (97%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 17.354, 15.575 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 85, 17.354, 15.575 by changing the saturation by 10% instead.

 85, 17.354, 15.575

 85, 17.354, 15.575

 100, 17.354,
15.575

 75, 17.354, 15.575

 65, 17.354, 15.575

 55, 17.354, 15.575

 45, 17.354, 15.575

 35, 17.354, 15.575

 25, 17.354, 15.575

 15, 17.354, 15.575

 5, 17.354, 15.575

 0, 17.354, 15.575

85, 17.354, 15.575

85, 17.354, 15.575

79, 27.591, 16.775

92, 7.751, 14.594

73, 38.391, 18.278

98, 1.201, 194.441

67, 49.585, 20.202

99, 2.719, 199.476

62, 60.895, 22.671

58, 71.955, 25.805

55, 82.359, 29.625

53, 91.614, 33.878

52, 98.765, 37.707

52, 99.549, 38.089

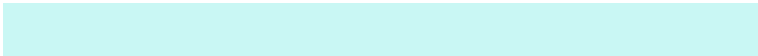
Harmonies

Complementary

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



85, 17.354, 15.575



94, 15.582, 192.730

Rectangle

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



85, 17.354, 15.575



85, 17.354, 65.575



85, 17.354, 195.575



85, 17.354, 245.575

Sweetspot

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



85, 17.352, 15.582



96, 5.487, 14.343



86, 28.455, 323.580



51, 3.648, 14.408



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 17.352, 15.582



85, 21.286, 15.962



90, 14.313, 65.770



48, 5.091, 14.676



39, 79.836, 37.467



8, 30.626, 22.390

Inverse Universe

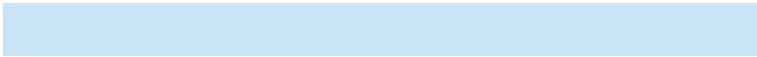
The Inverse Universe completely reimagines the original color for something new.



85, 17.352, 15.582



85, 21.286, 15.962



89, 13.345, 250.362



48, 5.091, 14.676



39, 79.836, 37.467



8, 30.626, 22.390

Previews

White Background



This preview shows how the CIELCh color 85, 17.354, 15.575 looks on a white background.

Color Contrast Check

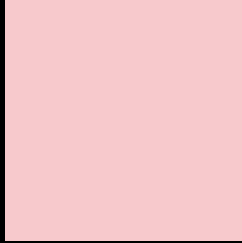
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 17.354, 15.575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

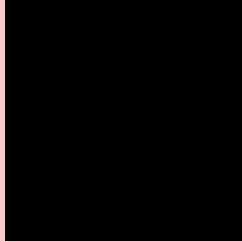
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 17.354, 15.575

Background



This preview shows how black text looks on a background with the CIELCh color 85, 17.354, 15.575.

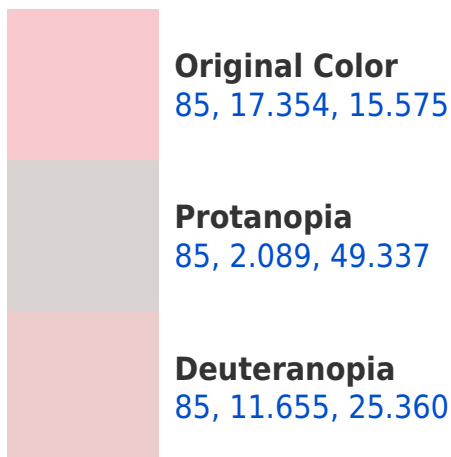



This preview shows how white text looks on a background with the CIELCh color 85, 17.354, 15.575.

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
85, 19.880, 356.143

Trichromacy



Original Color
85, 17.354, 15.575

Protanomaly
85, 7.380, 19.880

Deuteranomaly
85, 13.523, 22.595

Tritanomaly
85, 18.703, 3.027

Monochromacy



Original Color
85, 17.354, 15.575

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 6.260, 14.994

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 17.354, 15.575 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(247, 201, 204)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 204)  
}
```

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(247, 201, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 17.354, 15.575 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(247, 201, 204) }
```

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

```
.border{ border-color:rgb(247, 201, 204) }
```

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

Here you see how a box with a 4 pixel rgb(247, 201, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 204);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 17.354, 15.575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 204) }
```

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

```
.background{ background-color: rgb(247,  
201, 204) }
```

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