

# Converting Colors

CIELCh(92, 15.095, 61.897)

Have a look what the booklet for  
CIELCh(92, 15.095, 61.897) contains.

<b>CIELCh(92, 14.782, 63.850)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	20
<i><b>Color Blindness Simulation</b></i> .....	23
<i><b>CSS Examples</b></i> .....	26

# Color

**CIELCh(92, 14.782, 63.850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE3CF
RGB	255, 227, 207
RGB Percent	100%, 89%, 81%
CMY	0.0000, 0.1098, 0.1882
CMYK	0.00, 0.11, 0.19, 0.00
HSL	25°, 100%, 91%
HSV	25°, 19%, 100%
XYZ	79.9729, 80.7044, 70.3948
YIQ	233.0920, 23.1080, -0.2840

# Conversions

## Conversions Part 2

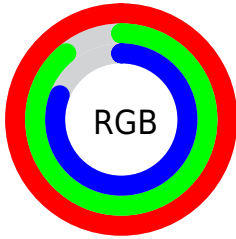
Format	Color
R <sub>Y</sub> B	255, 241, 207
Decimal	16769999
CIE Lab	92.00, 6.51, 13.27
CIE LCh	92, 14.782, 63.850
Yxy	80.7044, 0.3461, 0.3493
Android (android.graphics.Color)	4294960079 (0xFFFFE3CF)
YUV	233.0920, -12.8634, 19.2133
Hunter-Lab	89.8356, 1.6907, 16.4255

# Details

The CIELCh color **92, 14.782, 63.850** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.695, 248.366**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 14.717, 64.105** is the 20% darker color. If you saturate the color by 10%, you get **88, 23.352, 62.825**, and if you desaturate by 10%, it is **96, 6.719, 64.891**.

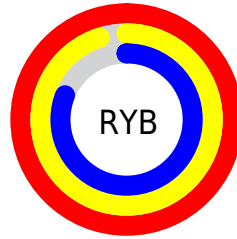
# Distribution



Red (100%)

Green (89%)

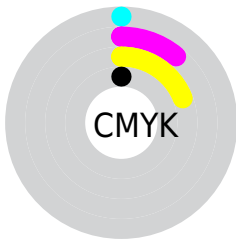
Blue (81%)



Red (100%)

Yellow (95%)

Blue (81%)

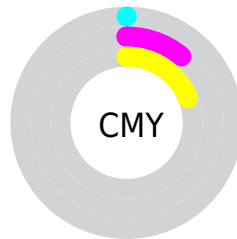


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (11%)

Yellow (19%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 14.782, 63.850 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 92, 14.782, 63.850 by changing the saturation by 10% instead.



 92, 14.782, 63.850

 92, 14.782, 63.850

 100, 14.782,  
63.850

 82, 14.782, 63.850

 72, 14.782, 63.850

 62, 14.782, 63.850


 52, 14.782, 63.850

 42, 14.782, 63.850

 32, 14.782, 63.850

 22, 14.782, 63.850

 12, 14.782, 63.850

 2, 14.782, 63.850

92, 14.782, 63.850

92, 14.782, 63.850

88, 23.352, 62.825

96, 6.719, 64.891

84, 32.463, 61.805

100, 0.012,  
296.813

80, 42.114, 60.816

76, 52.241, 59.849

73, 62.643, 58.859

69, 72.850, 57.718

66, 81.901, 56.145

63, 88.532, 53.761

63, 89.249, 53.486

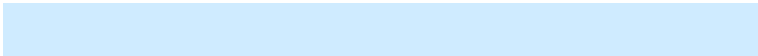
# Harmonies

# Complementary

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



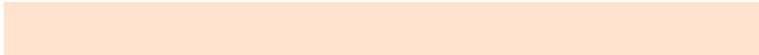
92, 14.782, 63.850



92, 13.695, 248.366

# Rectangle

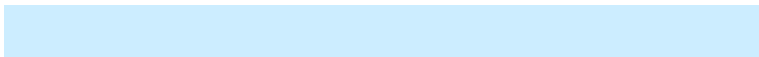
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 14.782, 63.850



92, 14.782, 113.850



92, 14.782, 243.850



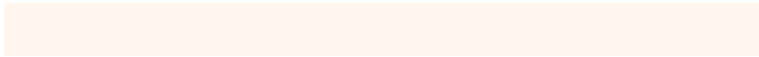
92, 14.782, 293.850

# Sweetspot

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



92, 14.781, 63.865



97, 4.529, 65.157



88, 22.550, 340.923



52, 3.011, 65.098



0, 0.000, 0.000

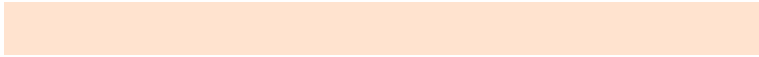


53, 0.007, 296.813



# Same Dimension

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



92, 14.781, 63.865



90, 18.298, 63.429



98, 22.331, 104.622



51, 4.339, 64.824



48, 71.496, 54.177



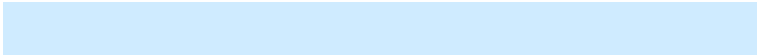
15, 27.335, 53.750



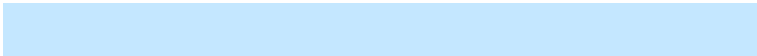


# Inverse Universe

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



92, 13.695, 248.366



90, 16.633, 249.025



86, 23.145, 288.853



51, 4.188, 247.098



46, 49.202, 274.733

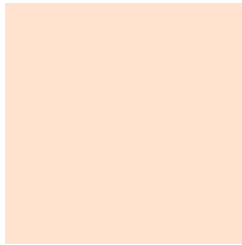


14, 20.472, 267.617



# Previews

## White Background



This preview shows how the CIELCh color 92, 14.782, 63.850 looks on a white background.

## Color Contrast Check

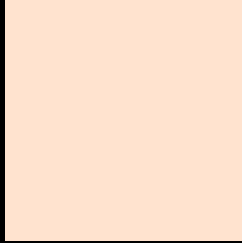
Large Text (above 18pt) WCAG AA × Fail

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 92, 14.782, 63.850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

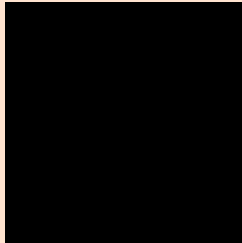
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 92, 14.782, 63.850

## Background



This preview shows how black text looks on a background with the CIELCh color 92, 14.782, 63.850.

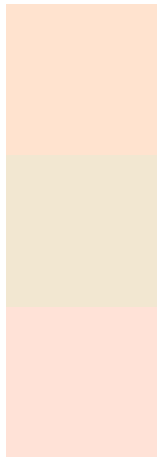


This preview shows how white text looks on a background with the CIELCh color 92, 14.782, 63.850.

# 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

92, 14.782, 63.850

### Protanopia

92, 12.037, 89.386

### Deuteranopia

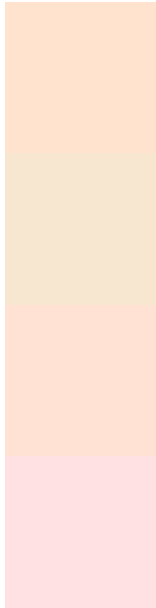
92, 12.197, 47.597



**Tritanopia**  
92, 13.269, 347.394



# Trichromacy



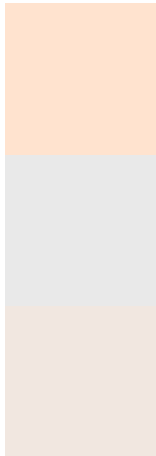
**Original Color**  
92, 14.782, 63.850

**Protanomaly**  
92, 12.993, 79.971

**Deuteranomaly**  
92, 13.042, 53.428

**Tritanomaly**  
92, 10.984, 14.770

# Monochromacy



**Original Color**  
92, 14.782, 63.850

**Achromatopsia**  
92, 0.011, 296.813

**Achromatomaly**  
92, 5.094, 64.471

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 92, 14.782, 63.850 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, 227, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 227, 207)  
}
```

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, 227, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 227, 207) }
```

## Border

The CSS property to change the border of an element to CIELCh 92, 14.782, 63.850 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, 227, 207) }
```

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

```
.border{ border-color:rgb(255, 227, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 227, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 227, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 227, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 227,  
207) }
```

# Background

The CSS property to change the background color of an element to CIELCh 92, 14.782, 63.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 227, 207) }
```

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

```
.background{ background-color: rgb(255,  
227, 207) }
```

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