

# Converting Colors

CIELCh(87, 19.185, 58.127)

Have a look what the booklet for  
CIELCh(87, 19.185, 58.127) contains.

<b>CIELCh(87, 19.079, 56.913)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	20
<b><i>Color Blindness Simulation</i></b> .....	23
<b><i>CSS Examples</i></b> .....	26

# Color

**CIELCh(87, 19.079, 56.913)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9D2BC
RGB	249, 210, 188
RGB Percent	98%, 82%, 74%
CMY	0.0227, 0.1757, 0.2620
CMYK	0.00, 0.16, 0.24, 0.02
HSL	22°, 84%, 86%
HSV	22°, 24%, 98%
XYZ	71.3327, 70.0064, 57.4384
YIQ	219.1530, 30.3060, 1.4260

# Conversions

## Conversions Part 2

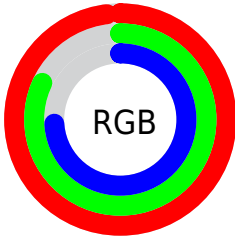
Format	Color
R <sub>Y</sub> B	249, 222, 188
Decimal	16372412
CIE Lab	87.00, 10.42, 15.99
CIE LCh	87, 19.079, 56.913
Yxy	70.0064, 0.3589, 0.3522
Android (android.graphics.Color)	4294562492 (0xFFF9D2BC)
YUV	219.1530, -15.3584, 26.1758
Hunter-Lab	83.6698, 5.7580, 17.8670

# Details

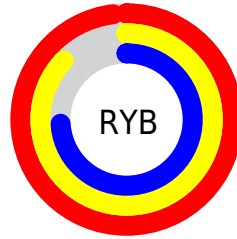
The CIELCh color **87, 19.079, 56.913** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 16.842, 242.018**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **67, 19.037, 57.402** is the 20% darker color. If you saturate the color by 10%, you get **83, 27.850, 56.134**, and if you desaturate by 10%, it is **91, 10.896, 57.751**.

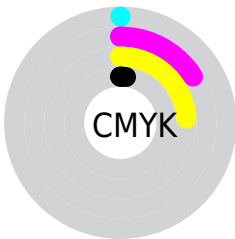
# Distribution



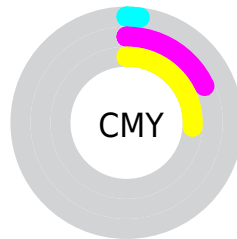
- Red (98%)
- Green (82%)
- Blue (74%)



- Red (98%)
- Yellow (87%)
- Blue (74%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (26%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 19.079, 56.913 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 87, 19.079, 56.913 by changing the saturation by 10% instead.



 87, 19.079, 56.913

 87, 19.079, 56.913

 100, 19.079,  
56.913

 77, 19.079, 56.913

 67, 19.079, 56.913

 57, 19.079, 56.913

 47, 19.079, 56.913

 37, 19.079, 56.913

 27, 19.079, 56.913

 17, 19.079, 56.913

 7, 19.079, 56.913

 0, 19.079, 56.913

87, 19.079, 56.913

87, 19.079, 56.913

83, 27.850, 56.134

91, 10.896, 57.751

78, 37.237, 55.408

96, 3.257, 58.518

74, 47.222, 54.752

100, 2.010,  
199.607

71, 57.696, 54.148

67, 68.358, 53.517

64, 78.520, 52.651

61, 86.859, 51.112

59, 90.469, 49.989

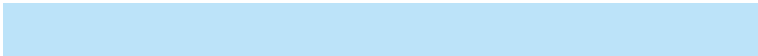
# Harmonies

# Complementary

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



87, 19.079, 56.913



88, 16.842, 242.018

# Rectangle

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



87, 19.079, 56.913



87, 19.079, 106.913



87, 19.079, 236.913



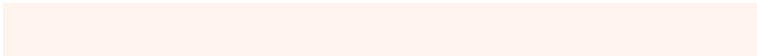
87, 19.079, 286.913

# Sweetspot

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



87, 19.079, 56.922



97, 5.228, 58.354



83, 30.202, 338.240



51, 3.404, 58.309



0, 0.000, 0.000



53, 0.007, 296.813

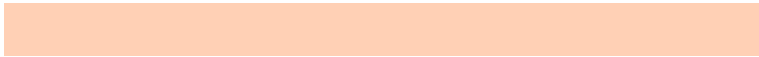


# Same Dimension

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



87, 19.079, 56.922



87, 23.401, 56.556



94, 26.676, 100.507



50, 4.213, 58.162



46, 72.966, 50.622



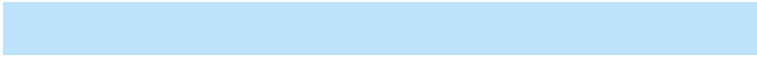
13, 26.615, 48.319



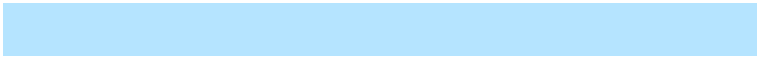


# Inverse Universe

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



88, 16.842, 242.018



88, 20.118, 242.738



81, 27.686, 286.473



50, 4.033, 240.122



49, 43.523, 266.638

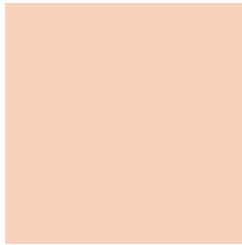


14, 18.129, 258.996



# Previews

## White Background



This preview shows how the CIE LCh color 87, 19.079, 56.913 looks on a white background.

## Color Contrast Check

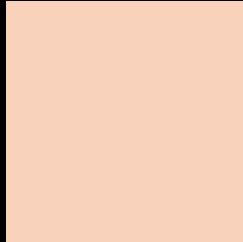
Large Text (above 18pt) WCAG AA × Fail

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 87, 19.079, 56.913 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 87, 19.079, 56.913**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 87, 19.079, 56.913.



This preview shows how white text looks on a background with the CIELCh color 87, 19.079, 56.913.

# 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

87, 19.079, 56.913

### Protanopia

87, 13.671, 91.306

### Deuteranopia

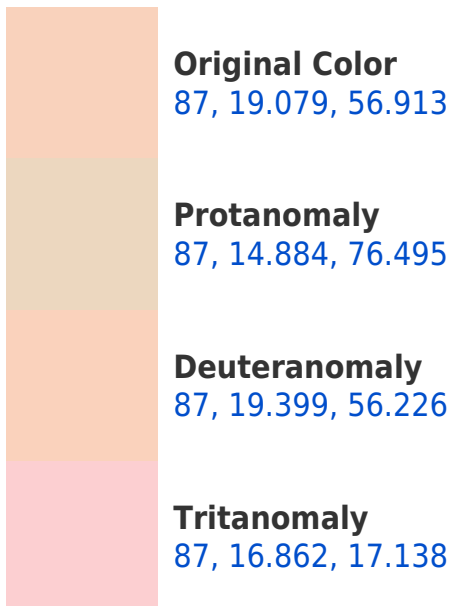
87, 19.399, 56.226



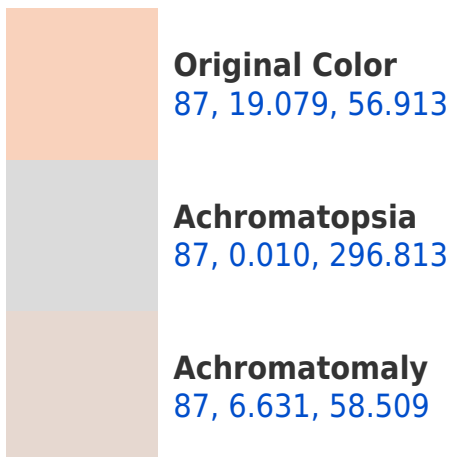
**Tritanopia**  
87, 19.440, 355.591



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 87, 19.079, 56.913 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(249, 210, 188)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 188)  
}
```

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(249, 210, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 188) }
```

## Border

The CSS property to change the border of an element to CIELCh 87, 19.079, 56.913 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(249, 210, 188) }
```

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

```
.border{ border-color:rgb(249, 210, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 188);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
188) }
```

# Background

The CSS property to change the background color of an element to CIELCh 87, 19.079, 56.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 188) }
```

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

```
.background{ background-color: rgb(249,  
210, 188) }
```

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](#).

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