

Converting Colors

CIELCh(91, 47.436, 42.330)

Have a look what the booklet for
CIELCh(91, 47.436, 42.330) contains.

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Color

CIELCh(85, 27.308, 57.947)

Conversions

Conversions Part 1

Format	Color
Hex	FEC9A9
RGB	254, 201, 169
RGB Percent	100%, 79%, 66%
CMY	0.0023, 0.2100, 0.3355
CMYK	0.00, 0.21, 0.33, 0.00
HSL	23°, 99%, 83%
HSV	23°, 33%, 100%
XYZ	69.2141, 66.0070, 46.8532
YIQ	213.1990, 41.8600, 1.2840

Conversions

Conversions Part 2

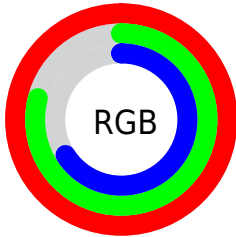
Format	Color
RYB	254, 220, 169
Decimal	16697769
CIELab	85.00, 14.49, 23.15
CIElCh	85, 27.308, 57.947
Yxy	66.0070, 0.3801, 0.3625
Android (android.graphics.Color)	4294887849 (0xFFFE9A9)
YUV	213.1990, -21.7901, 35.7825
Hunter-Lab	81.2447, 9.8898, 22.6792

Details

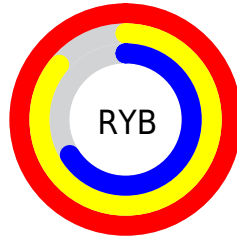
The CIELCh color **85, 27.308, 57.947** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 23.068, 245.649**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **65, 27.261, 57.770** is the 20% darker color. If you saturate the color by 10%, you get **81, 36.741, 57.137**, and if you desaturate by 10%, it is **89, 18.478, 58.822**.

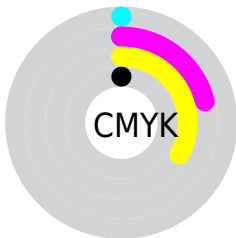
Distribution



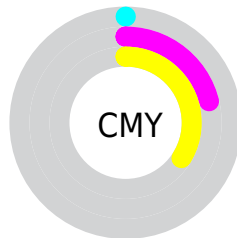
- Red (100%)
- Green (79%)
- Blue (66%)



- Red (100%)
- Yellow (86%)
- Blue (66%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (0%)

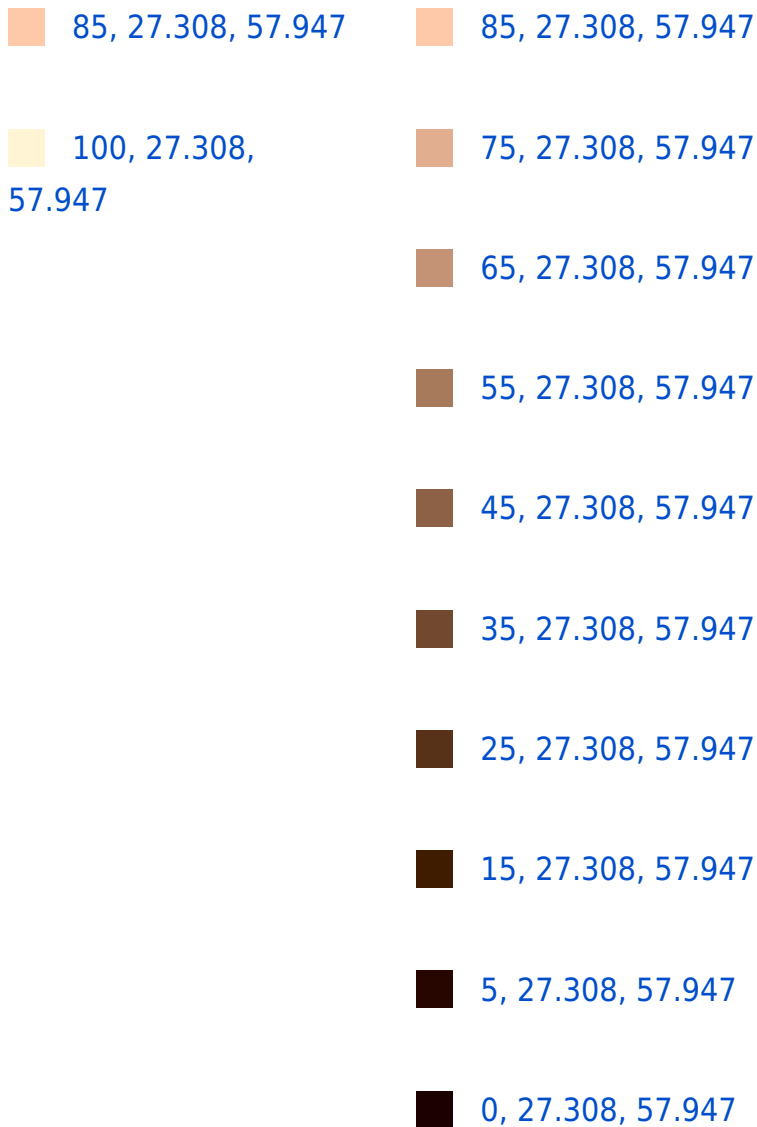


- Cyan (0%)
- Magenta (21%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 27.308, 57.947 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, 27.308, 57.947 by changing the saturation by 10% instead.



85, 27.308, 57.947

85, 27.308, 57.947

81, 36.741, 57.137

89, 18.478, 58.822

77, 46.763, 56.378

94, 10.225, 59.719

73, 57.273, 55.660

98, 2.501, 60.499

69, 67.988, 54.911

100, 0.207,
202.596

66, 78.254, 53.942

63, 86.808, 52.348

61, 91.111, 50.890

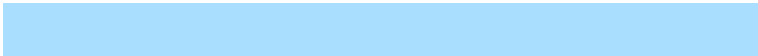
Harmonies

Complementary

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



85, 27.308, 57.947



86, 23.068, 245.649

Rectangle

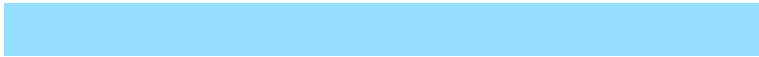
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 27.308, 57.947



85, 27.308, 107.947



85, 27.308, 237.947



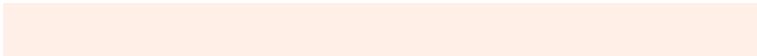
85, 27.308, 287.947

Sweetspot

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



85, 27.307, 57.954



95, 7.564, 60.018



79, 41.403, 339.816



50, 5.185, 59.895



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

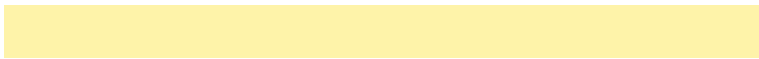
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 27.307, 57.954



82, 33.539, 57.407



95, 37.541, 100.419



51, 4.293, 60.061



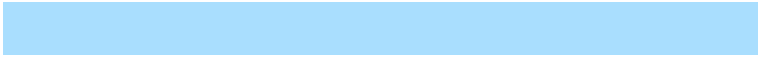
47, 73.078, 51.545



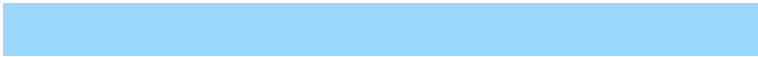
14, 27.671, 50.103

Inverse Universe

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



86, 23.068, 245.649



84, 27.248, 246.995



75, 39.783, 288.823



51, 4.119, 242.123



48, 45.371, 269.117



15, 19.157, 261.861

Previews

White Background



This preview shows how the CIE LCh color 85, 27.308, 57.947 looks on a white background.

Color Contrast Check

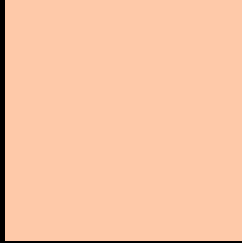
Large Text (above 18pt) WCAG AA × Fail

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, 27.308, 57.947 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, 27.308, 57.947

Background



This preview shows how black text looks on a background with the CIELCh color 85, 27.308, 57.947.

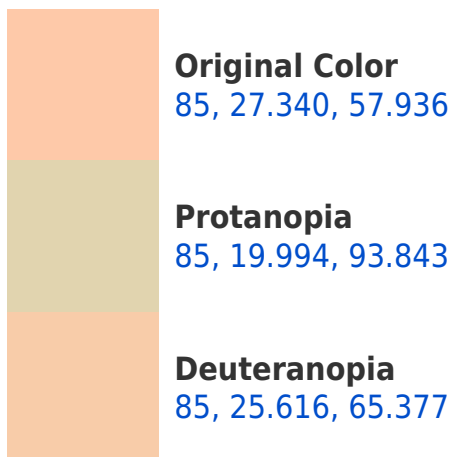


This preview shows how white text looks on a background with the CIELCh color 85, 27.308, 57.947.

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](#).

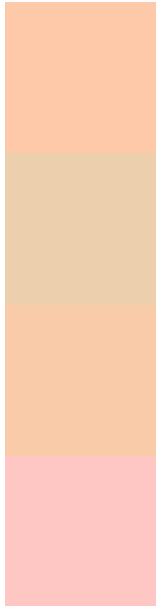
Dichromacy





Tritanopia
85, 22.742, 2.557

Trichromacy



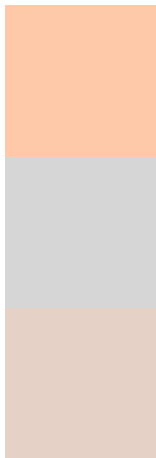
Original Color
85, 27.340, 57.936

Protanomaly
85, 21.474, 77.710

Deuteranomaly
85, 26.136, 62.784

Tritanomaly
85, 21.517, 25.174

Monochromacy



Original Color
85, 27.340, 57.936

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 9.473, 57.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 27.308, 57.947 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, 201, 169)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 169)  
}
```

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, 201, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 27.308, 57.947 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, 201, 169) }
```

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

```
.border{ border-color:rgb(254, 201, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 201, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 169);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 27.308, 57.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 169) }
```

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

```
.background{ background-color: rgb(254,  
201, 169) }
```

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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