

Converting Colors

CIELCh(100, 80.646, 38.391)

Have a look what the booklet for
CIELCh(100, 80.646, 38.391)
contains.

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Color

CIELCh(85, 30.627, 61.799)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9A2
RGB	255, 201, 162
RGB Percent	100%, 79%, 64%
CMY	0.0000, 0.2108, 0.3640
CMYK	0.00, 0.21, 0.36, 0.00
HSL	25°, 100%, 82%
HSV	25°, 36%, 100%
XYZ	69.2053, 66.0070, 43.3631
YIQ	212.7000, 44.7030, -0.6810

Conversions

Conversions Part 2

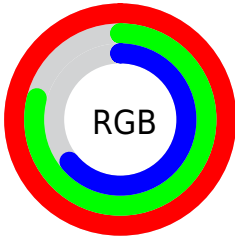
Format	Color
R_{YB}	255, 229, 162
Decimal	16763298
CIE _{Lab}	85.00, 14.47, 26.99
CIE _{LCh}	85, 30.627, 61.799
Yxy	66.0070, 0.3875, 0.3696
Android (android.graphics.Color)	4294953378 (0xFFFFC9A2)
YUV	212.7000, -24.9951, 37.0971
Hunter-Lab	81.2447, 9.8703, 25.2262

Details

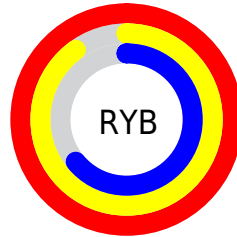
The CIELCh color **85, 30.627, 61.799** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 25.813, 252.061**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **65, 30.412, 62.228** is the 20% darker color. If you saturate the color by 10%, you get **81, 39.732, 61.460**, and if you desaturate by 10%, it is **89, 21.242, 63.514**.

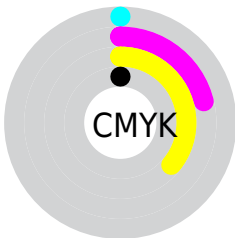
Distribution



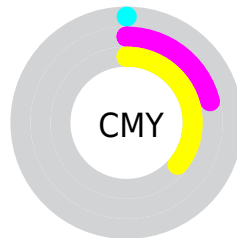
- Red (100%)
- Green (79%)
- Blue (64%)



- Red (100%)
- Yellow (90%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 30.627, 61.799 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, 30.627, 61.799 by changing the saturation by 10% instead.

 85, 30.627, 61.799

 85, 30.627, 61.799

 100, 30.627,
61.799

 75, 30.627, 61.799

 65, 30.627, 61.799

 55, 30.627, 61.799

 45, 30.627, 61.799

 35, 30.627, 61.799

 25, 30.627, 61.799

 15, 30.627, 61.799

 5, 30.627, 61.799

 0, 30.627, 61.799

85, 30.627, 61.799

85, 30.627, 61.799

81, 39.732, 61.460

89, 21.242, 63.514

77, 49.739, 60.470

93, 12.795, 64.569

74, 60.078, 59.469

97, 4.842, 65.585

70, 70.361, 58.357

100, 0.012,
296.813

67, 79.765, 56.898

64, 86.929, 54.661

63, 89.057, 53.757

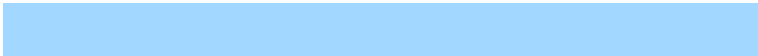
Harmonies

Complementary

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



85, 30.627, 61.799



84, 25.813, 252.061

Rectangle

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



85, 30.627, 61.799



85, 30.627, 111.799



85, 30.627, 241.799



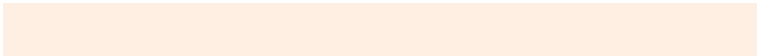
85, 30.627, 291.799

Sweetspot

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



85, 30.218, 62.474



95, 8.445, 65.132



77, 43.726, 342.624



50, 5.698, 64.992



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, 30.218, 62.474



82, 37.405, 61.700



96, 42.896, 102.746



51, 4.345, 65.284



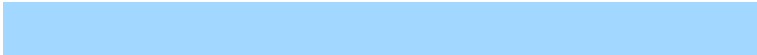
48, 71.347, 54.450



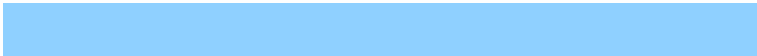
15, 27.308, 54.118

Inverse Universe

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



84, 25.813, 252.061



81, 30.756, 253.834



72, 46.322, 291.668



51, 4.196, 247.575



46, 49.599, 275.244



14, 20.610, 268.147

Previews

White Background



This preview shows how the CIELCh color 85, 30.627, 61.799 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 85, 30.627, 61.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

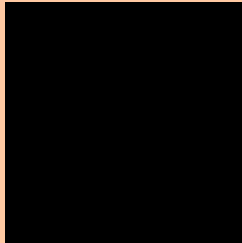
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 30.627, 61.799

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.627, 61.799.



This preview shows how white text looks on a background with the CIELCh color 85, 30.627, 61.799.

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

85, 30.281, 62.319

Protanopia

85, 24.141, 94.924

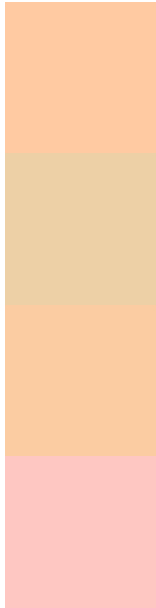
Deuteranopia

85, 28.791, 69.240



Tritanopia
85, 22.618, 3.830

Trichromacy



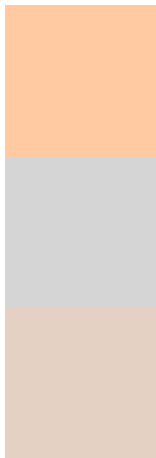
Original Color
85, 30.281, 62.319

Protanomaly
85, 25.403, 81.158

Deuteranomaly
85, 29.235, 66.851

Tritanomaly
85, 21.828, 29.204

Monochromacy



Original Color
85, 30.281, 62.319

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 10.264, 65.185

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 30.627, 61.799 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, 201, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 162)  
}
```

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, 201, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 30.627, 61.799 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, 201, 162) }
```

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

```
.border{ border-color:rgb(255, 201, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 30.627, 61.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 162) }
```

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

```
.background{ background-color: rgb(255,  
201, 162) }
```

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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