

Converting Colors

CIELCh(85, 30.397, 65.232)

Have a look what the booklet for
CIELCh(85, 30.397, 65.232) contains.

CIELCh(85, 30.430, 64.609)	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, 30.430, 64.609)

Conversions

Conversions Part 1

Format	Color
Hex	FECAA1
RGB	254, 202, 161
RGB Percent	100%, 79%, 63%
CMY	0.0032, 0.2071, 0.3680
CMYK	0.00, 0.20, 0.37, 0.00
HSL	26°, 98%, 81%
HSV	26°, 37%, 100%
XYZ	68.5496, 66.0070, 42.9233
YIQ	212.8740, 44.1530, -1.7270

Conversions

Conversions Part 2

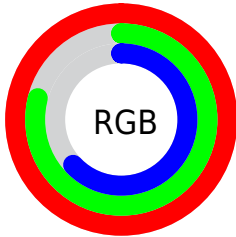
Format	Color
R _Y B	254, 234, 161
Decimal	16698017
CIE Lab	85.00, 13.05, 27.49
CIE LCh	85, 30.430, 64.609
Yxy	66.0070, 0.3862, 0.3719
Android (android.graphics.Color)	4294888097 (0xFFFECAA1)
YUV	212.8740, -25.5739, 36.0675
Hunter-Lab	81.2447, 8.4298, 25.5471

Details

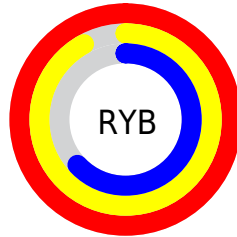
The CIELCh color **85, 30.430, 64.609** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 26.326, 254.647**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **65, 30.553, 64.600** is the 20% darker color. If you saturate the color by 10%, you get **81, 39.889, 63.519**, and if you desaturate by 10%, it is **89, 21.473, 65.727**.

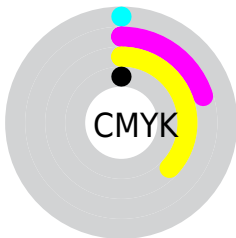
Distribution



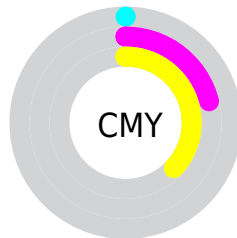
- Red (100%)
- Green (79%)
- Blue (63%)



- Red (100%)
- Yellow (92%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (37%)
- Black (0%)

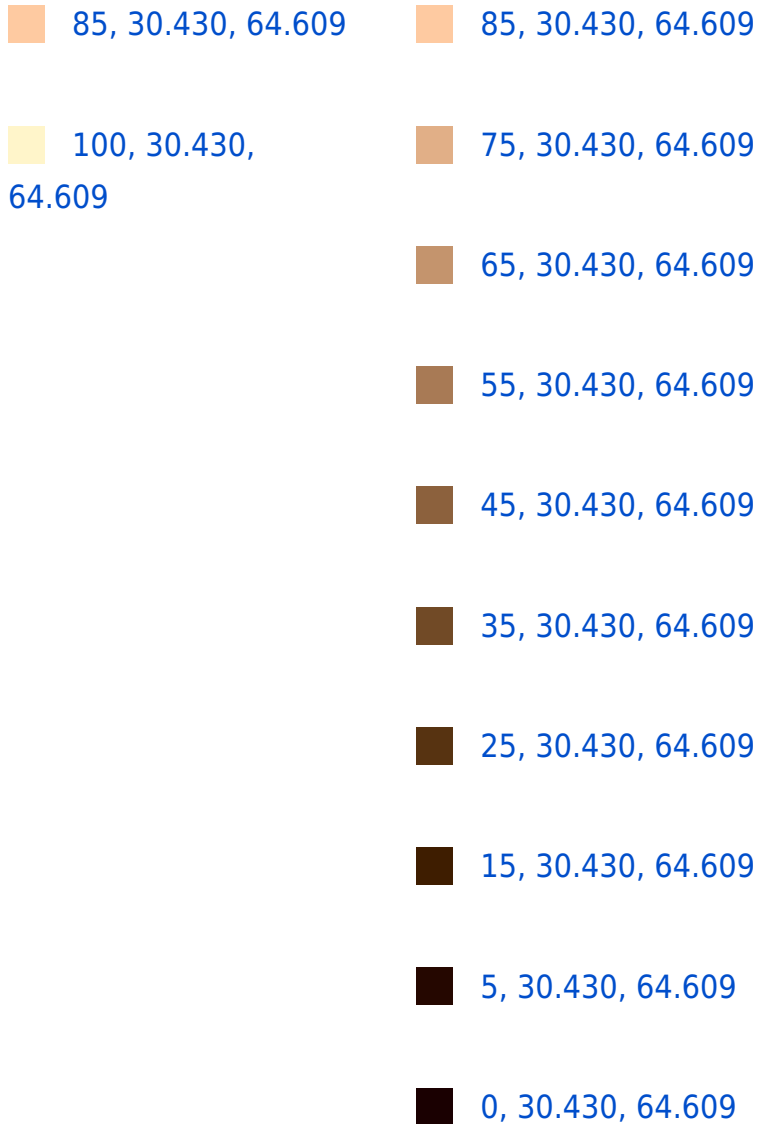


- Cyan (0%)
- Magenta (21%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 30.430, 64.609 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, 30.430, 64.609 by changing the saturation by 10% instead.



85, 30.430, 64.609

85, 30.430, 64.609

81, 39.889, 63.519

89, 21.473, 65.727

78, 49.798, 62.433

93, 13.014, 66.844

74, 59.984, 61.319

97, 5.024, 67.918

71, 70.043, 60.077

100, 0.283,
201.730

68, 79.142, 58.471

65, 85.956, 56.089

64, 87.880, 55.195

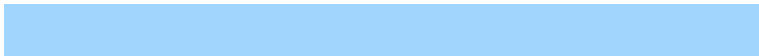
Harmonies

Complementary

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



85, 30.430, 64.609



83, 26.326, 254.647

Rectangle

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



85, 30.430, 64.609



85, 30.430, 114.609



85, 30.430, 244.609



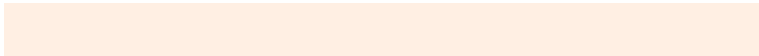
85, 30.430, 294.609

Sweetspot

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



85, 30.430, 64.615



95, 8.512, 67.458



77, 43.392, 343.526



50, 5.742, 67.311



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, 30.430, 64.615



82, 37.487, 63.801



96, 43.680, 103.557



51, 4.381, 67.618



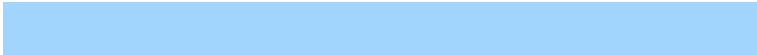
49, 70.605, 55.891



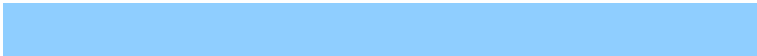
15, 27.186, 56.029

Inverse Universe

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



83, 26.326, 254.647



80, 31.357, 256.410



71, 47.364, 292.413



51, 4.244, 249.992



45, 51.695, 277.754



13, 21.348, 270.773

Previews

White Background



This preview shows how the CIELCh color 85, 30.430, 64.609 looks on a white background.

Color Contrast Check

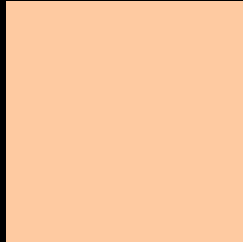
Large Text (above 18pt) WCAG AA × Fail

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, 30.430, 64.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

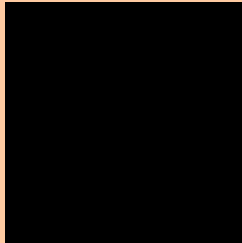
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 30.430, 64.609

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.430, 64.609.



This preview shows how white text looks on a background with the CIELCh color 85, 30.430, 64.609.

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, 30.430, 64.609

Protanopia

85, 24.742, 94.239

Deuteranopia

85, 29.485, 69.198



Tritanopia
85, 22.742, 2.557

Trichromacy



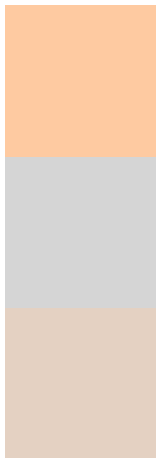
Original Color
85, 30.430, 64.609

Protanomaly
85, 25.876, 81.605

Deuteranomaly
85, 29.931, 66.865

Tritanomaly
85, 21.828, 29.204

Monochromacy



Original Color
85, 30.430, 64.609

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 10.655, 67.072

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 30.430, 64.609 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, 202, 161)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 161)  
}
```

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, 202, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 30.430, 64.609 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, 202, 161) }
```

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

```
.border{ border-color:rgb(254, 202, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 202, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 161);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 30.430, 64.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 161) }
```

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

```
.background{ background-color: rgb(254,  
202, 161) }
```

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