

Converting Colors

CIELCh(85, 32.218, 65.383)

Have a look what the booklet for
CIELCh(85, 32.218, 65.383) contains.

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Color

CIELCh(85, 31.939, 65.801)

Conversions

Conversions Part 1

Format	Color
Hex	FFCA9E
RGB	255, 202, 158
RGB Percent	100%, 79%, 62%
CMY	0.0000, 0.2076, 0.3802
CMYK	0.00, 0.21, 0.38, 0.00
HSL	27°, 100%, 81%
HSV	27°, 38%, 100%
XYZ	68.5697, 66.0070, 41.4976
YIQ	212.8310, 45.7120, -2.4480

Conversions

Conversions Part 2

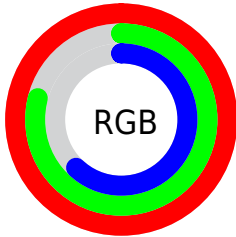
Format	Color
R _Y B	255, 239, 158
Decimal	16763550
CIE Lab	85.00, 13.09, 29.13
CIE LCh	85, 31.939, 65.801
Yxy	66.0070, 0.3894, 0.3749
Android (android.graphics.Color)	4294953630 (0xFFFFCA9E)
YUV	212.8310, -27.0317, 36.9822
Hunter-Lab	81.2447, 8.4739, 26.5875

Details

The CIELCh color **85, 31.939, 65.801** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 27.697, 256.571**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.222, 108.570**, and **65, 32.163, 65.763** is the 20% darker color. If you saturate the color by 10%, you get **81, 41.452, 64.693**, and if you desaturate by 10%, it is **89, 22.870, 66.989**.

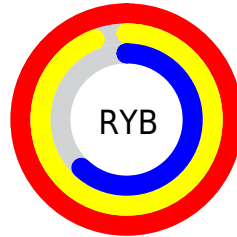
Distribution



Red (100%)

Green (79%)

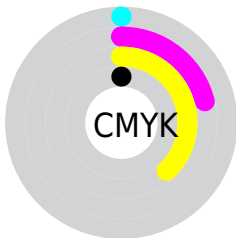
Blue (62%)



Red (100%)

Yellow (94%)

Blue (62%)

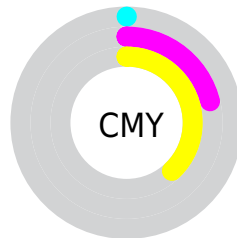


Cyan (0%)

Magenta (21%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 31.939, 65.801 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, 31.939, 65.801 by changing the saturation by 10% instead.

 85, 31.939, 65.801

 85, 31.939, 65.801

 100, 31.939,
65.801

 75, 31.939, 65.801

 65, 31.939, 65.801

 55, 31.939, 65.801

 45, 31.939, 65.801

 35, 31.939, 65.801

 25, 31.939, 65.801

 15, 31.939, 65.801

 5, 31.939, 65.801

 0, 31.939, 65.801

85, 31.939, 65.801

85, 31.939, 65.801

81, 41.452, 64.693

89, 22.870, 66.989

78, 51.389, 63.548

93, 14.301, 68.143

74, 61.529, 62.357

97, 6.190, 69.264

71, 71.411, 61.005

100, 0.012,
296.813

68, 80.120, 59.237

65, 86.403, 56.673

65, 87.503, 56.151

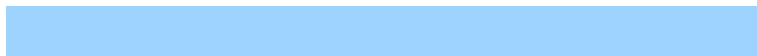
Harmonies

Complementary

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



85, 31.939, 65.801



82, 27.697, 256.571

Rectangle

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



85, 31.939, 65.801



85, 31.939, 115.801



85, 31.939, 245.801



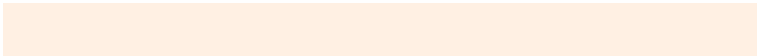
85, 31.939, 295.801

Sweetspot

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



85, 31.922, 65.837



96, 8.563, 68.939



76, 44.709, 344.591



50, 5.775, 68.787



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, 31.922, 65.837



82, 39.492, 64.923



97, 46.147, 104.217



51, 4.407, 69.104



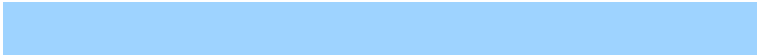
49, 70.147, 56.858



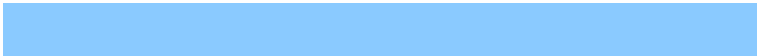
15, 27.124, 57.285

Inverse Universe

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



82, 27.697, 256.571



79, 33.120, 258.549



70, 50.425, 293.358



51, 4.279, 251.523



44, 53.096, 279.286



13, 21.846, 272.390

Previews

White Background



This preview shows how the CIELCh color 85, 31.939, 65.801 looks on a white background.

Color Contrast Check

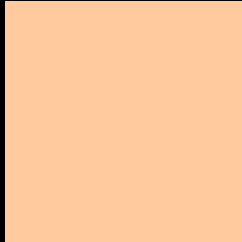
Large Text (above 18pt) WCAG AA × Fail

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, 31.939, 65.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

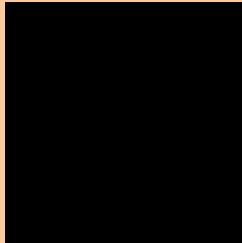
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 31.939, 65.801

Background



This preview shows how black text looks on a background with the CIELCh color 85, 31.939, 65.801.

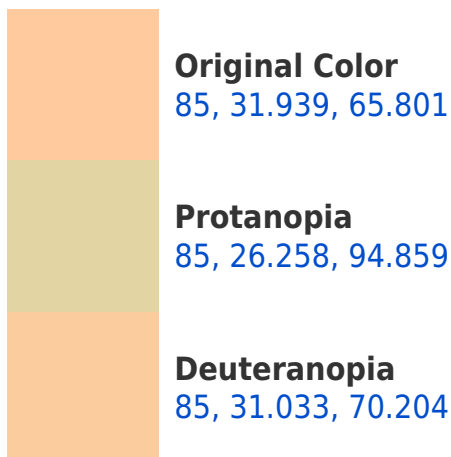


This preview shows how white text looks on a background with the CIELCh color 85, 31.939, 65.801.

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, 22.618, 3.830

Trichromacy



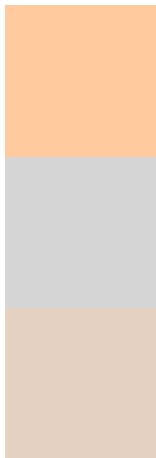
Original Color
85, 31.939, 65.801

Protanomaly
85, 27.304, 82.840

Deuteranomaly
85, 31.183, 68.526

Tritanomaly
85, 22.097, 31.816

Monochromacy



Original Color
85, 31.939, 65.801

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 11.058, 68.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 31.939, 65.801 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, 202, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 158)  
}
```

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, 202, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 31.939, 65.801 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, 202, 158) }
```

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

```
.border{ border-color:rgb(255, 202, 158) }
```

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

Here you see how a box with a 4 pixel rgb(255, 202, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 31.939, 65.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 158) }
```

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

```
.background{ background-color: rgb(255,  
202, 158) }
```

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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