

Converting Colors

CIELCh(84, 35.008, 64.861)

Have a look what the booklet for
CIELCh(84, 35.008, 64.861) contains.

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Color

CIELCh(84, 34.497, 65.310)

Conversions

Conversions Part 1

Format	Color
Hex	FFC697
RGB	255, 198, 151
RGB Percent	100%, 78%, 59%
CMY	0.0000, 0.2225, 0.4068
CMYK	0.00, 0.22, 0.41, 0.00
HSL	27°, 100%, 80%
HSV	27°, 41%, 100%
XYZ	67.2060, 64.0658, 38.2101
YIQ	209.6850, 49.0590, -2.5330

Conversions

Conversions Part 2

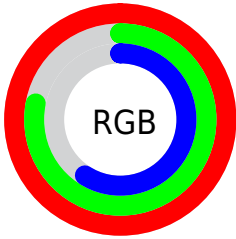
Format	Color
R _Y B	255, 237, 151
Decimal	16762519
CIE Lab	84.00, 14.41, 31.34
CIE LCh	84, 34.497, 65.310
Yxy	64.0658, 0.3965, 0.3780
Android (android.graphics.Color)	4294952599 (0xFFFFC697)
YUV	209.6850, -28.9317, 39.7413
Hunter-Lab	80.0411, 9.8046, 27.7248

Details

The CIELCh color **84, 34.497, 65.310** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 29.505, 257.109**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 24.734, 108.302**, and **64, 34.191, 65.118** is the 20% darker color. If you saturate the color by 10%, you get **80, 44.063, 64.314**, and if you desaturate by 10%, it is **88, 25.229, 66.601**.

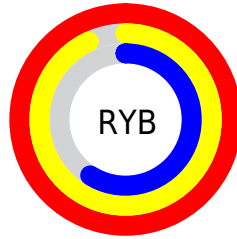
Distribution



Red (100%)

Green (78%)

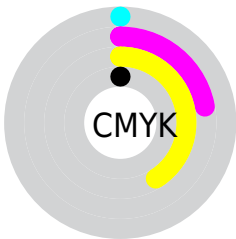
Blue (59%)



Red (100%)

Yellow (93%)

Blue (59%)

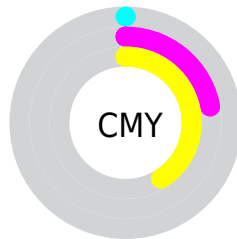


Cyan (0%)

Magenta (22%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 34.497, 65.310 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 84, 34.497, 65.310 by changing the saturation by 10% instead.

 84, 34.497, 65.310

 84, 34.497, 65.310

 100, 34.497,
65.310

 74, 34.497, 65.310

 64, 34.497, 65.310

 54, 34.497, 65.310

 44, 34.497, 65.310

 34, 34.497, 65.310

 24, 34.497, 65.310

 14, 34.497, 65.310

 4, 34.497, 65.310

 0, 34.497, 65.310

84, 34.497, 65.310

84, 34.497, 65.310

80, 44.063, 64.314

88, 25.229, 66.601

77, 54.084, 63.167

92, 16.534, 67.754

73, 64.221, 61.952

96, 8.306, 68.891

70, 73.911, 60.526

100, 0.511, 69.155

67, 82.097, 58.585

100, 0.012,
296.813

65, 87.536, 56.095

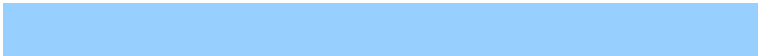
Harmonies

Complementary

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



84, 34.497, 65.310



81, 29.505, 257.109

Rectangle

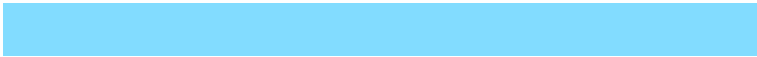
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 34.497, 65.310



84, 34.497, 115.310



84, 34.497, 245.310



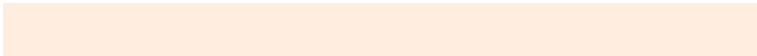
84, 34.497, 295.310

Sweetspot

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



84, 34.412, 65.454



95, 9.364, 68.744



75, 47.762, 344.905



50, 6.233, 68.597



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 34.412, 65.454



81, 42.407, 64.506



97, 49.258, 103.948



51, 4.406, 69.020



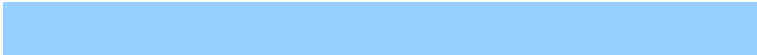
49, 70.172, 56.802



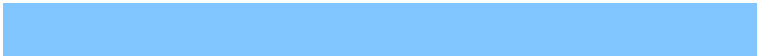
15, 27.127, 57.213

Inverse Universe

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



81, 29.505, 257.109



78, 35.087, 259.279



68, 54.263, 293.859



51, 4.277, 251.436



44, 53.015, 279.201



13, 21.817, 272.299

Previews

White Background



This preview shows how the CIE LCh color 84, 34.497, 65.310 looks on a white background.

Color Contrast Check

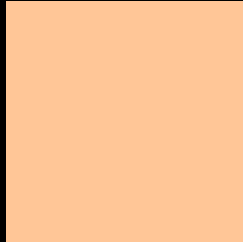
Large Text (above 18pt) WCAG AA × Fail

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 84, 34.497, 65.310 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 84, 34.497, 65.310

Background



This preview shows how black text looks on a background with the CIELCh color 84, 34.497, 65.310.



This preview shows how white text looks on a background with the CIELCh color 84, 34.497, 65.310.

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

84, 34.497, 65.310

Protanopia

84, 28.444, 94.719

Deuteranopia

84, 33.134, 71.500



Tritanopia
84, 24.163, 5.115

Trichromacy



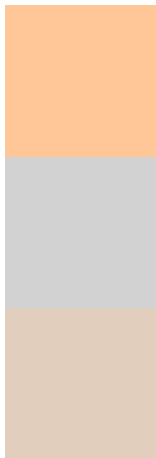
Original Color
84, 34.497, 65.310

Protanomaly
84, 29.662, 82.784

Deuteranomaly
84, 33.540, 69.378

Tritanomaly
84, 23.921, 32.416

Monochromacy



Original Color
84, 34.497, 65.310

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 11.754, 68.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 34.497, 65.310 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, 198, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 151)  
}
```

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, 198, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 34.497, 65.310 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, 198, 151) }
```

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

```
.border{ border-color:rgb(255, 198, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 198, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 198, 151); box-shadow:4px 4px 4px 4px rgb(255, 198, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 34.497, 65.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 151) }
```

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

```
.background{ background-color: rgb(255,  
198, 151) }
```

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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