

Converting Colors

CIELCh(84, 32.095, 57.685)

Have a look what the booklet for
CIELCh(84, 32.095, 57.685) contains.

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Color

CIELCh(84, 31.312, 59.672)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6A0
RGB	255, 198, 160
RGB Percent	100%, 78%, 63%
CMY	0.0000, 0.2253, 0.3744
CMYK	0.00, 0.23, 0.37, 0.00
HSL	24°, 100%, 81%
HSV	24°, 37%, 100%
XYZ	67.8423, 64.0658, 41.8259
YIQ	210.7110, 46.1700, 0.2660

Conversions

Conversions Part 2

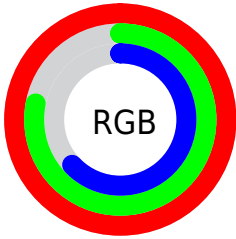
Format	Color
R _Y B	255, 223, 160
Decimal	16762528
CIE Lab	84.00, 15.81, 27.03
CIE LCh	84, 31.312, 59.672
Yxy	64.0658, 0.3905, 0.3688
Android (android.graphics.Color)	4294952608 (0xFFFFC6A0)
YUV	210.7110, -25.0005, 38.8415
Hunter-Lab	80.0411, 11.2235, 25.0464

Details

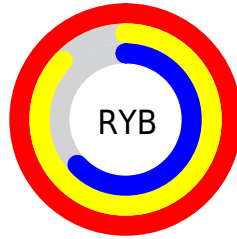
The CIELCh color **84, 31.312, 59.672** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 26.047, 249.357**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **64, 31.173, 59.959** is the 20% darker color. If you saturate the color by 10%, you get **80, 40.754, 59.043**, and if you desaturate by 10%, it is **88, 22.071, 60.895**.

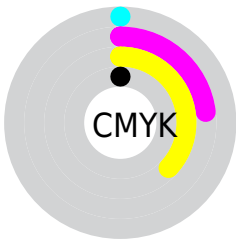
Distribution



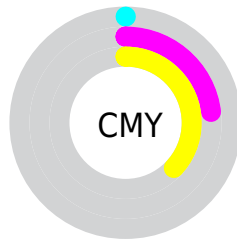
- Red (100%)
- Green (78%)
- Blue (63%)



- Red (100%)
- Yellow (87%)
- Blue (63%)



- Cyan (0%)
- Magenta (23%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 31.312, 59.672 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, 31.312, 59.672 by changing the saturation by 10% instead.

 84, 31.312, 59.672

 84, 31.312, 59.672

 100, 31.312,
59.672

 74, 31.312, 59.672

 64, 31.312, 59.672

 54, 31.312, 59.672

 44, 31.312, 59.672

 34, 31.312, 59.672

 24, 31.312, 59.672

 14, 31.312, 59.672

 4, 31.312, 59.672

 0, 31.312, 59.672

84, 31.312, 59.672

84, 31.312, 59.672

80, 40.754, 59.043

88, 22.071, 60.895

76, 50.908, 58.176

92, 13.579, 61.870

72, 61.420, 57.310

97, 5.612, 62.827

69, 71.876, 56.335

100, 0.012,
296.813

66, 81.397, 54.990

63, 88.579, 52.829

62, 90.173, 52.248

Harmonies

Complementary

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



84, 31.312, 59.672



84, 26.047, 249.357

Rectangle

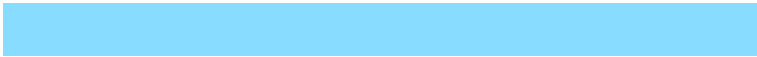
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 31.312, 59.672



84, 31.312, 109.672



84, 31.312, 239.672



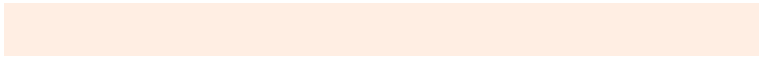
84, 31.312, 289.672

Sweetspot

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



84, 31.126, 59.948



95, 8.387, 62.497



77, 45.922, 341.029



50, 5.660, 62.366



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, 31.126, 59.948



81, 38.349, 59.260



95, 42.763, 100.879



51, 4.314, 62.638



47, 72.214, 52.926



14, 27.477, 52.040

Inverse Universe

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



84, 26.047, 249.357



81, 30.772, 251.106



72, 45.936, 290.369



51, 4.152, 244.821



47, 47.379, 272.234



14, 19.841, 265.037

Previews

White Background



This preview shows how the CIELCh color 84, 31.312, 59.672 looks on a white background.

Color Contrast Check

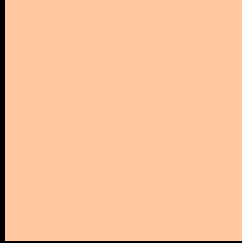
Large Text (above 18pt) WCAG AA × Fail

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, 31.312, 59.672 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, 31.312, 59.672

Background



This preview shows how black text looks on a background with the CIELCh color 84, 31.312, 59.672.



This preview shows how white text looks on a background with the CIELCh color 84, 31.312, 59.672.

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, 30.952, 60.157

Protanopia

84, 23.697, 94.661

Deuteranopia

84, 29.159, 68.583



Tritanopia
84, 24.163, 5.115

Trichromacy



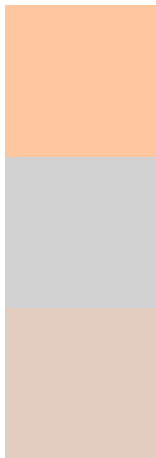
Original Color
84, 30.952, 60.157

Protanomaly
84, 25.204, 79.837

Deuteranomaly
84, 29.911, 65.669

Tritanomaly
84, 23.503, 28.789

Monochromacy



Original Color
84, 30.952, 60.157

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 10.500, 60.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 31.312, 59.672 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 31.312, 59.672 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, 160) }
```

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

```
.border{ border-color:rgb(255, 198, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 31.312, 59.672 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, 160) }
```

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

```
.background{ background-color: rgb(255,  
198, 160) }
```

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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