

Converting Colors

CIELCh(84, 28.389, 69.330)

Have a look what the booklet for
CIELCh(84, 28.389, 69.330) contains.

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Color

CIELCh(84, 28.463, 68.610)

Conversions

Conversions Part 1

Format	Color
Hex	F6C9A0
RGB	246, 201, 160
RGB Percent	96%, 79%, 63%
CMY	0.0343, 0.2108, 0.3717
CMYK	0.00, 0.18, 0.35, 0.03
HSL	29°, 83%, 80%
HSV	29°, 35%, 97%
XYZ	65.3989, 64.0658, 42.2802
YIQ	209.7810, 39.9810, -3.2110

Conversions

Conversions Part 2

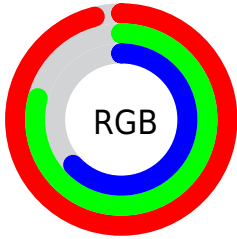
Format	Color
R _Y B	246, 238, 160
Decimal	16173472
CIE Lab	84.00, 10.38, 26.50
CIE LCh	84, 28.463, 68.610
Yxy	64.0658, 0.3808, 0.3730
Android (android.graphics.Color)	4294363552 (0xFFFF6C9A0)
YUV	209.7810, -24.5420, 31.7641
Hunter-Lab	80.0411, 5.7745, 24.7099

Details

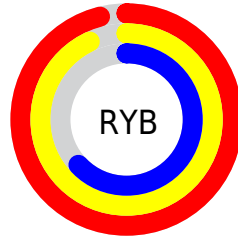
The CIELCh color **84, 28.463, 68.610** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 25.395, 258.583**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **64, 28.443, 68.875** is the 20% darker color. If you saturate the color by 10%, you get **80, 37.567, 67.399**, and if you desaturate by 10%, it is **88, 19.791, 69.831**.

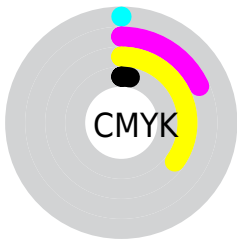
Distribution



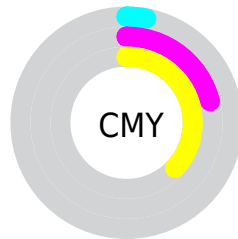
- Red (96%)
- Green (79%)
- Blue (63%)



- Red (96%)
- Yellow (93%)
- Blue (63%)



- Cyan (0%)
- Magenta (18%)
- Yellow (35%)
- Black (3%)



- Cyan (3%)
- Magenta (21%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 28.463, 68.610 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, 28.463, 68.610 by changing the saturation by 10% instead.

 84, 28.463, 68.610

 84, 28.463, 68.610

 100, 28.463,
68.610

 74, 28.463, 68.610

 64, 28.463, 68.610

 54, 28.463, 68.610

 44, 28.463, 68.610

 34, 28.463, 68.610

 24, 28.463, 68.610

 14, 28.463, 68.610

 4, 28.463, 68.610

 0, 28.463, 68.610

84, 28.463, 68.610

84, 28.463, 68.610

80, 37.567, 67.399

88, 19.791, 69.831

77, 47.049, 66.173

91, 11.550, 71.032

74, 56.755, 64.908

95, 3.717, 72.154

71, 66.320, 63.516

99, 2.514, 226.325

68, 75.012, 61.804

99, 3.029, 199.432

65, 81.646, 59.415

64, 84.217, 57.986

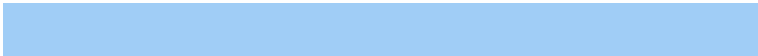
Harmonies

Complementary

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



84, 28.463, 68.610



81, 25.395, 258.583

Rectangle

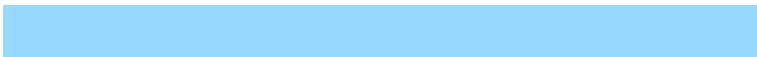
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 28.463, 68.610



84, 28.463, 118.610



84, 28.463, 248.610



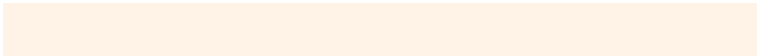
84, 28.463, 298.610

Sweetspot

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



84, 28.463, 68.617



96, 7.857, 71.606



76, 39.577, 345.151



51, 5.380, 71.444



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, 28.463, 68.617



84, 35.862, 67.747



95, 41.966, 105.311



49, 4.314, 71.667



49, 67.977, 58.698



14, 24.657, 59.062

Inverse Universe

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



81, 25.395, 258.583



80, 31.163, 260.256



70, 45.580, 293.456



49, 4.204, 254.142



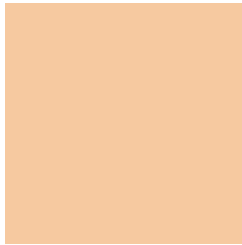
41, 54.428, 281.719



11, 21.274, 274.233

Previews

White Background



This preview shows how the CIELCh color 84, 28.463, 68.610 looks on a white background.

Color Contrast Check

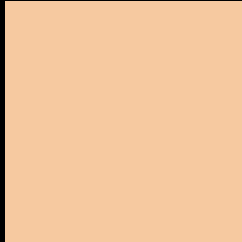
Large Text (above 18pt) WCAG AA × Fail

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, 28.463, 68.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

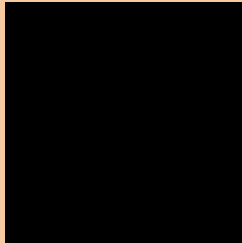
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 28.463, 68.610

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.463, 68.610.



This preview shows how white text looks on a background with the CIELCh color 84, 28.463, 68.610.

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
84, 22.736, 359.705

Trichromacy



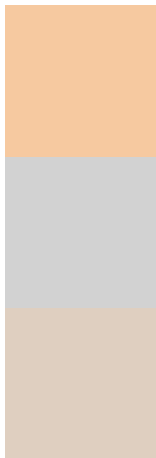
Original Color
84, 28.463, 68.610

Protanomaly
84, 24.730, 84.429

Deuteranomaly
84, 28.463, 68.610

Tritanomaly
84, 20.190, 28.310

Monochromacy



Original Color
84, 28.463, 68.610

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 9.932, 71.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 28.463, 68.610 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(246, 201, 160)` looks like.

```
.text, #text, p{  
    color:rgb(246, 201, 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(246, 201, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 201, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.463, 68.610 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(246, 201, 160) }
```

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

```
.border{ border-color:rgb(246, 201, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 201, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 201, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 201, 160);  
box-shadow:4px 4px 4px 4px rgb(246, 201,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.463, 68.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 201, 160) }
```

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

```
.background{ background-color: rgb(246,  
201, 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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