

Converting Colors

CIELCh(84, 28.707, 68.018)

Have a look what the booklet for
CIELCh(84, 28.707, 68.018) contains.

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Color

CIELCh(84, 28.739, 68.001)

Conversions

Conversions Part 1

Format	Color
Hex	F7C9A0
RGB	247, 201, 160
RGB Percent	97%, 79%, 63%
CMY	0.0315, 0.2119, 0.3727
CMYK	0.00, 0.19, 0.35, 0.03
HSL	28°, 84%, 80%
HSV	28°, 35%, 97%
XYZ	65.5700, 64.0658, 42.1551
YIQ	210.0800, 40.5770, -2.9990

Conversions

Conversions Part 2

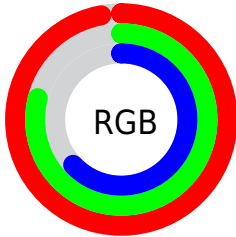
Format	Color
R _Y B	247, 238, 160
Decimal	16239008
CIE Lab	84.00, 10.77, 26.65
CIE LCh	84, 28.739, 68.001
Yxy	64.0658, 0.3817, 0.3729
Android (android.graphics.Color)	4294429088 (0xFFFF7C9A0)
YUV	210.0800, -24.6894, 32.3788
Hunter-Lab	80.0411, 6.1560, 24.8026

Details

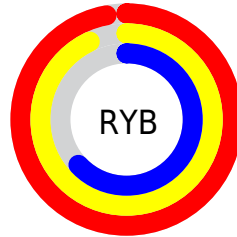
The CIELCh color **84, 28.739, 68.001** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 25.523, 258.010**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.216, 108.647**, and **64, 28.739, 68.219** is the 20% darker color. If you saturate the color by 10%, you get **80, 37.880, 66.806**, and if you desaturate by 10%, it is **88, 20.039, 69.208**.

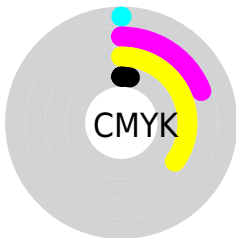
Distribution



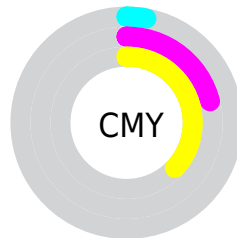
- Red (97%)
- Green (79%)
- Blue (63%)



- Red (97%)
- Yellow (93%)
- Blue (63%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (3%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 28.739, 68.001 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, 28.739, 68.001 by changing the saturation by 10% instead.

 84, 28.739, 68.001

 84, 28.739, 68.001

 100, 28.739,
68.001

 74, 28.739, 68.001

 64, 28.739, 68.001

 54, 28.739, 68.001

 44, 28.739, 68.001

 34, 28.739, 68.001

 24, 28.739, 68.001

 14, 28.739, 68.001

 4, 28.739, 68.001

 0, 28.739, 68.001

84, 28.739, 68.001

84, 28.739, 68.001

80, 37.880, 66.806

88, 20.039, 69.208

77, 47.410, 65.599

91, 11.780, 70.398

74, 57.170, 64.353

95, 3.937, 71.517

71, 66.790, 62.981

99, 2.334, 222.636

68, 75.525, 61.280

99, 2.780, 199.467

65, 82.171, 58.887

64, 84.630, 57.552

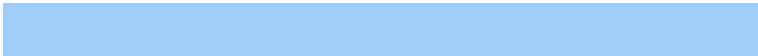
Harmonies

Complementary

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



84, 28.739, 68.001



81, 25.523, 258.010

Rectangle

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



84, 28.739, 68.001



84, 28.739, 118.001



84, 28.739, 248.001



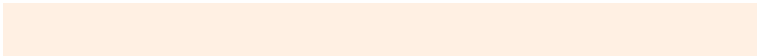
84, 28.739, 298.001

Sweetspot

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



84, 28.739, 68.008



96, 8.639, 70.888



76, 40.001, 345.185



50, 5.825, 70.731



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, 28.739, 68.008



84, 35.808, 67.185



95, 42.408, 105.281



49, 4.301, 71.063



49, 68.147, 58.270



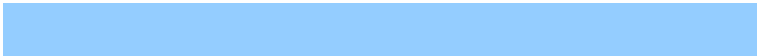
14, 24.669, 58.506

Inverse Universe

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



81, 25.523, 258.010



80, 30.980, 259.615



70, 46.100, 293.508



49, 4.187, 253.523



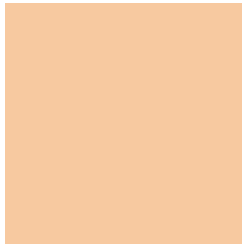
42, 53.828, 281.133



11, 21.070, 273.604

Previews

White Background



This preview shows how the CIELCh color 84, 28.739, 68.001 looks on a white background.

Color Contrast Check

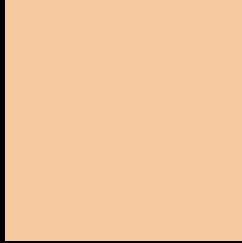
Large Text (above 18pt) WCAG AA × Fail

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, 28.739, 68.001 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, 28.739, 68.001

Background



This preview shows how black text looks on a background with the CIELCh color 84, 28.739, 68.001.



This preview shows how white text looks on a background with the CIELCh color 84, 28.739, 68.001.

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, 28.739, 68.001

Protanopia

84, 24.205, 94.883

Deuteranopia

84, 28.463, 68.610



Tritanopia
84, 22.940, 1.332

Trichromacy



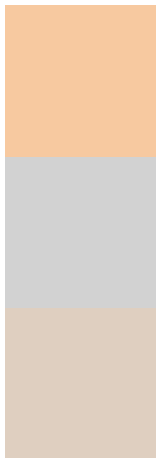
Original Color
84, 28.739, 68.001

Protanomaly
84, 24.902, 83.586

Deuteranomaly
84, 28.463, 68.610

Tritanomaly
84, 20.701, 29.601

Monochromacy



Original Color
84, 28.739, 68.001

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, 28.739, 68.001 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(247, 201, 160)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 201, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 28.739, 68.001 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(247, 201, 160) }
```

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

```
.border{ border-color:rgb(247, 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(247, 201, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 160);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 28.739, 68.001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 160) }
```

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

```
.background{ background-color: rgb(247,  
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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