

Converting Colors

CIELCh(84, 37.200, 69.967)

Have a look what the booklet for
CIELCh(84, 37.200, 69.967) contains.

CIELCh(84, 37.247, 69.952)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 37.247, 69.952)

Conversions

Conversions Part 1

Format	Color
Hex	FEC790
RGB	254, 199, 144
RGB Percent	100%, 78%, 56%
CMY	0.0031, 0.2188, 0.4346
CMYK	0.00, 0.22, 0.43, 0.00
HSL	30°, 99%, 78%
HSV	30°, 43%, 100%
XYZ	66.4659, 64.0658, 35.3228
YIQ	209.1750, 50.4350, -5.4450

Conversions

Conversions Part 2

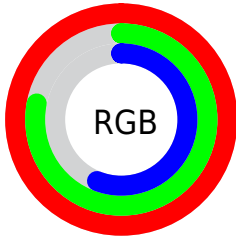
Format	Color
R_{YB}	254, 254, 144
Decimal	16697232
CIE _{Lab}	84.00, 12.77, 34.99
CIE _{LCh}	84, 37.247, 69.952
Yxy	64.0658, 0.4007, 0.3863
Android (android.graphics.Color)	4294887312 (0xFFFE ^C 790)
YUV	209.1750, -32.1313, 39.3115
Hunter-Lab	80.0411, 8.1541, 29.8636

Details

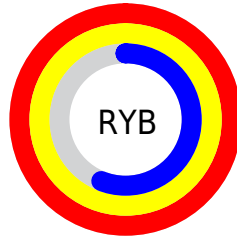
The CIELCh color **84, 37.247, 69.952** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 32.840, 263.238**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **64, 37.067, 69.858** is the 20% darker color. If you saturate the color by 10%, you get **81, 46.877, 68.661**, and if you desaturate by 10%, it is **88, 27.971, 71.237**.

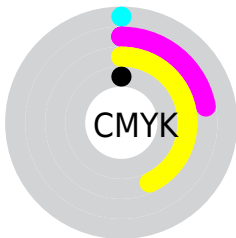
Distribution



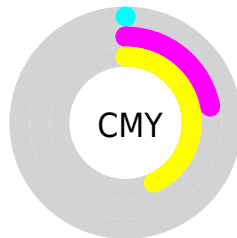
- Red (100%)
- Green (78%)
- Blue (56%)



- Red (100%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 37.247, 69.952 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, 37.247, 69.952 by changing the saturation by 10% instead.

 84, 37.247, 69.952

 84, 37.247, 69.952

 100, 37.247,
69.952

 74, 37.247, 69.952

 64, 37.247, 69.952

 54, 37.247, 69.952

 44, 37.247, 69.952

 34, 37.247, 69.952

 24, 37.247, 69.952

 14, 37.247, 69.952

 4, 37.247, 69.952

 0, 37.247, 69.952

84, 37.247, 69.952

84, 37.247, 69.952

81, 46.877, 68.661

88, 27.971, 71.237

77, 56.711, 67.320

91, 19.101, 72.502

74, 66.401, 65.860

95, 10.639, 73.743

71, 75.253, 64.112

98, 2.562, 74.851

69, 82.125, 61.759

100, 0.275,
201.802

67, 85.392, 59.792

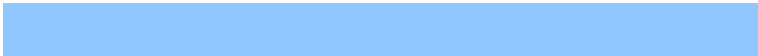
Harmonies

Complementary

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



84, 37.247, 69.952



78, 32.840, 263.238

Rectangle

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



84, 37.247, 69.952



84, 37.247, 119.952



84, 37.247, 249.952



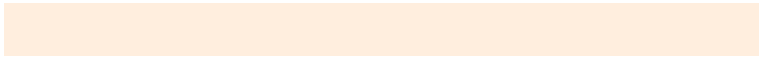
84, 37.247, 299.952

Sweetspot

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



84, 37.247, 69.957



95, 10.434, 73.777



73, 49.153, 348.125



50, 7.340, 73.507



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, 37.247, 69.957



81, 45.745, 68.827



98, 54.488, 105.998



51, 4.525, 74.196



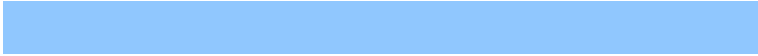
51, 68.691, 60.495



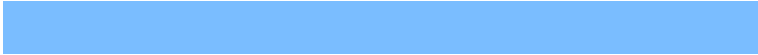
16, 27.010, 61.830

Inverse Universe

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



78, 32.840, 263.238



75, 39.253, 265.657



64, 61.202, 296.243



51, 4.425, 256.730



41, 58.312, 284.190



12, 23.734, 277.635

Previews

White Background



This preview shows how the CIELCh color 84, 37.247, 69.952 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, 37.247, 69.952 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, 37.247, 69.952

Background



This preview shows how black text looks on a background with the CIELCh color 84, 37.247, 69.952.



This preview shows how white text looks on a background with the CIELCh color 84, 37.247, 69.952.

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, 37.247, 69.952

Protanopia

84, 32.452, 95.887

Deuteranopia

84, 36.731, 73.307



Tritanopia
84, 24.163, 5.115

Trichromacy



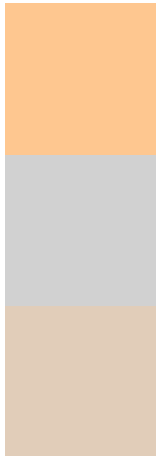
Original Color
84, 37.247, 69.952

Protanomaly
84, 33.317, 85.874

Deuteranomaly
84, 36.841, 71.870

Tritanomaly
84, 24.254, 34.755

Monochromacy



Original Color
84, 37.247, 69.952

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 13.035, 73.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 37.247, 69.952 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(254, 199, 144)` looks like.

```
.text, #text, p{  
    color:rgb(254, 199, 144)  
}
```

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(254, 199, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 37.247, 69.952 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(254, 199, 144) }
```

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

```
.border{ border-color:rgb(254, 199, 144) }
```

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

Here you see how a box with a 4 pixel rgb(254, 199, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 144);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 37.247, 69.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 144) }
```

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

```
.background{ background-color: rgb(254,  
199, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor