

Converting Colors

CIELCh(85, 40.602, 65.457)

Have a look what the booklet for
CIELCh(85, 40.602, 65.457) contains.

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Color

CIELCh(84, 37.951, 69.872)

Conversions

Conversions Part 1

Format	Color
Hex	FFC78F
RGB	255, 199, 143
RGB Percent	100%, 78%, 56%
CMY	0.0001, 0.2197, 0.4393
CMYK	0.00, 0.22, 0.44, 0.00
HSL	30°, 100%, 78%
HSV	30°, 44%, 100%
XYZ	66.5968, 64.0658, 34.8292
YIQ	209.3600, 51.3520, -5.5440

Conversions

Conversions Part 2

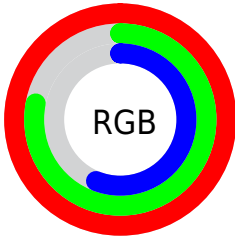
Format	Color
R _Y B	255, 255, 143
Decimal	16762767
CIE Lab	84.00, 13.06, 35.63
CIE LCh	84, 37.951, 69.872
Yxy	64.0658, 0.4024, 0.3871
Android (android.graphics.Color)	4294952847 (0xFFFFC78F)
YUV	209.3600, -32.7155, 40.0263
Hunter-Lab	80.0411, 8.4459, 30.2292

Details

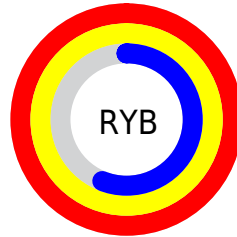
The CIELCh color **84, 37.951, 69.872** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 33.393, 263.411**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **64, 37.814, 69.738** is the 20% darker color. If you saturate the color by 10%, you get **81, 47.624, 68.579**, and if you desaturate by 10%, it is **88, 28.627, 71.158**.

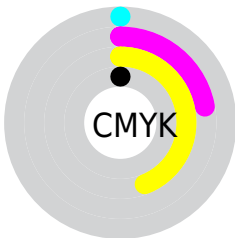
Distribution



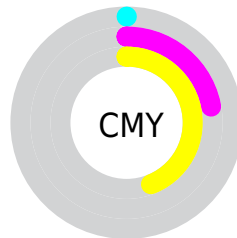
- Red (100%)
- Green (78%)
- Blue (56%)



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



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (0%)

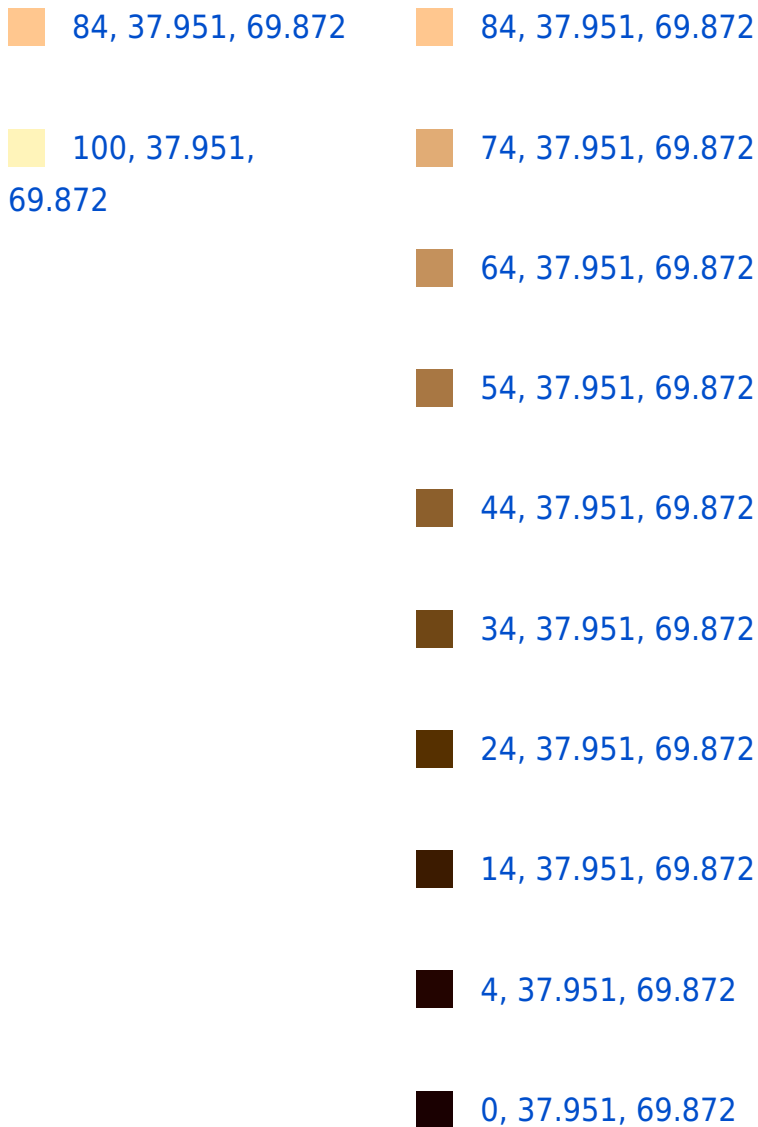


- Cyan (0%)
- Magenta (22%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 37.951, 69.872 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, 37.951, 69.872 by changing the saturation by 10% instead.



84, 37.951, 69.872

84, 37.951, 69.872

81, 47.624, 68.579

88, 28.627, 71.158

77, 57.485, 67.232

91, 19.709, 72.425

74, 67.169, 65.760

95, 11.201, 73.668

71, 75.950, 63.983

99, 3.080, 74.804

69, 82.662, 61.576

100, 0.017,
243.763

67, 85.586, 59.789

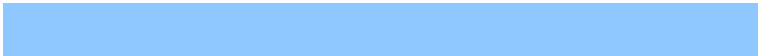
Harmonies

Complementary

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



84, 37.951, 69.872



78, 33.393, 263.411

Rectangle

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



84, 37.951, 69.872



84, 37.951, 119.872



84, 37.951, 249.872



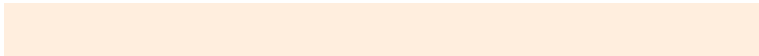
84, 37.951, 299.872

Sweetspot

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



84, 37.951, 69.877



95, 10.434, 73.781



73, 49.977, 348.215



50, 7.340, 73.511



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, 37.951, 69.877



81, 46.723, 68.700



98, 55.384, 105.938



51, 4.525, 74.200



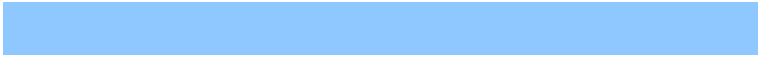
51, 68.690, 60.498



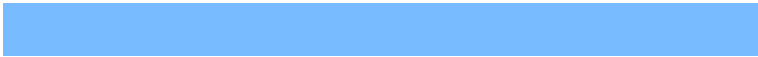
16, 27.010, 61.834

Inverse Universe

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



78, 33.393, 263.411



74, 39.974, 265.962



64, 62.352, 296.369



51, 4.425, 256.734



41, 58.317, 284.194



12, 23.736, 277.639

Previews

White Background



This preview shows how the CIELCh color 84, 37.951, 69.872 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, 37.951, 69.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

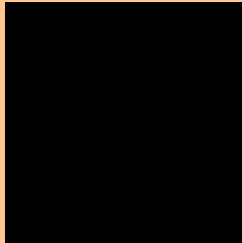
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 37.951, 69.872

Background



This preview shows how black text looks on a background with the CIELCh color 84, 37.951, 69.872.



This preview shows how white text looks on a background with the CIELCh color 84, 37.951, 69.872.

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, 37.951, 69.872

Protanopia

84, 33.458, 96.117

Deuteranopia

84, 37.176, 73.677



Tritanopia
84, 24.163, 5.115

Trichromacy



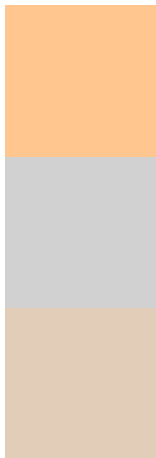
Original Color
84, 37.951, 69.872

Protanomaly
84, 33.964, 85.481

Deuteranomaly
84, 37.281, 72.256

Tritanomaly
84, 24.437, 35.898

Monochromacy



Original Color
84, 37.951, 69.872

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 13.271, 71.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 37.951, 69.872 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, 199, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 143)  
}
```

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, 199, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 37.951, 69.872 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, 199, 143) }
```

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

```
.border{ border-color:rgb(255, 199, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 199, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 37.951, 69.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 143) }
```

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

```
.background{ background-color: rgb(255,  
199, 143) }
```

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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