

Converting Colors

CIELCh(84, 43.887, 71.564)

Have a look what the booklet for
CIELCh(84, 43.887, 71.564) contains.

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Color

CIELCh(84, 43.065, 73.222)

Conversions

Conversions Part 1

Format	Color
Hex	FFC784
RGB	255, 199, 132
RGB Percent	100%, 78%, 52%
CMY	0.0000, 0.2191, 0.4821
CMYK	0.00, 0.22, 0.48, 0.00
HSL	33°, 100%, 76%
HSV	33°, 48%, 100%
XYZ	66.3145, 64.0658, 30.7251
YIQ	208.1060, 54.8830, -8.9650

Conversions

Conversions Part 2

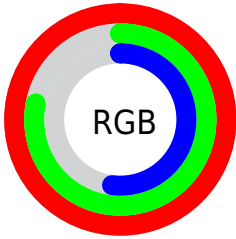
Format	Color
R_{YB}	235, 255, 132
Decimal	16762756
CIE _{Lab}	84.00, 12.43, 41.23
CIE _{LCh}	84, 43.065, 73.222
Yxy	64.0658, 0.4116, 0.3977
Android (android.graphics.Color)	4294952836 (0xFFFFC784)
YUV	208.1060, -37.5203, 41.1260
Hunter-Lab	80.0411, 7.8165, 33.2693

Details

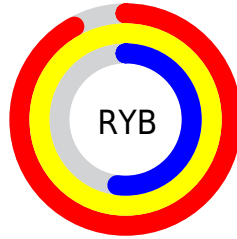
The CIELCh color **84, 43.065, 73.222** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 38.694, 269.392**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 34.689, 107.535**, and **64, 42.811, 73.461** is the 20% darker color. If you saturate the color by 10%, you get **81, 52.427, 72.361**, and if you desaturate by 10%, it is **87, 33.268, 75.160**.

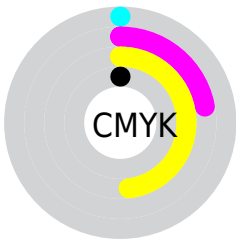
Distribution



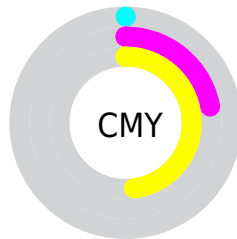
- Red (100%)
- Green (78%)
- Blue (52%)



- Red (92%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (22%)
- Yellow (48%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 43.065, 73.222 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, 43.065, 73.222 by changing the saturation by 10% instead.

 84, 43.065, 73.222

 84, 43.065, 73.222

 100, 43.065,
73.222

 74, 43.065, 73.222

 64, 43.065, 73.222

 54, 43.065, 73.222

 44, 43.065, 73.222

 34, 43.065, 73.222

 24, 43.065, 73.222

 14, 43.065, 73.222

 4, 43.065, 73.222

 0, 43.065, 73.222

84, 43.065, 73.222

84, 43.065, 73.222

81, 52.427, 72.361

87, 33.268, 75.160

78, 62.022, 70.851

90, 24.083, 76.507

75, 71.012, 69.145

94, 15.237, 77.824

72, 78.471, 67.028

97, 6.731, 79.088

70, 83.347, 64.208

100, 0.012,
296.813

69, 84.097, 63.684

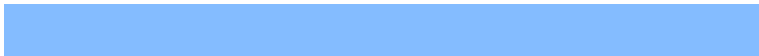
Harmonies

Complementary

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



84, 43.065, 73.222



75, 38.694, 269.392

Rectangle

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



84, 43.065, 73.222



84, 43.065, 123.222



84, 43.065, 253.222



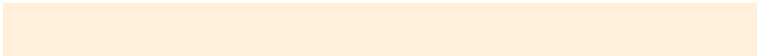
84, 43.065, 303.222

Sweetspot

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



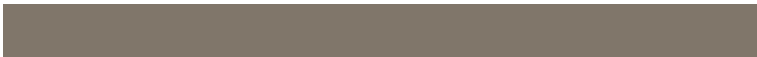
84, 42.755, 73.783



95, 11.617, 78.365



71, 53.676, 350.915



50, 8.055, 78.089



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, 42.755, 73.783



81, 52.225, 72.392



98, 60.411, 107.120



51, 4.675, 78.929



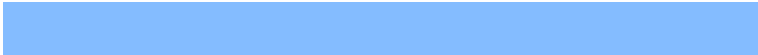
53, 67.565, 64.375



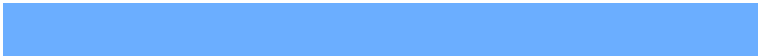
17, 27.073, 66.403

Inverse Universe

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



75, 38.694, 269.392



70, 46.431, 272.329



61, 69.039, 298.069



50, 4.603, 261.514



39, 63.775, 288.331



11, 25.760, 282.149

Previews

White Background



This preview shows how the CIELCh color 84, 43.065, 73.222 looks on a white background.

Color Contrast Check

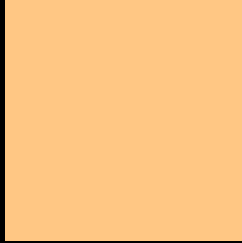
Large Text (above 18pt) WCAG AA × Fail

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, 43.065, 73.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

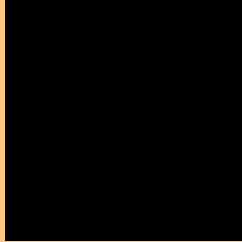
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 43.065, 73.222

Background



This preview shows how black text looks on a background with the CIELCh color 84, 43.065, 73.222.



This preview shows how white text looks on a background with the CIELCh color 84, 43.065, 73.222.

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](#).

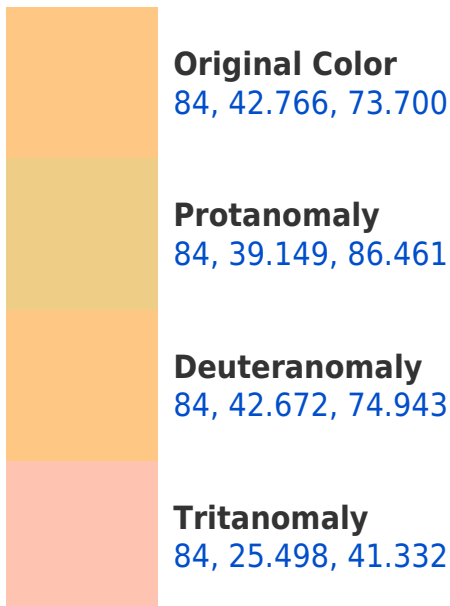
Dichromacy



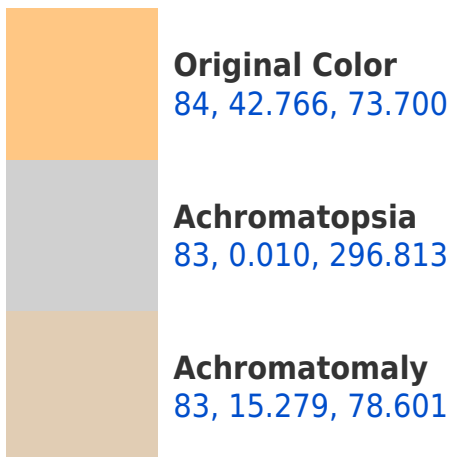


Tritanopia
84, 24.066, 6.328

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 43.065, 73.222 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 43.065, 73.222 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, 132) }
```

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

```
.border{ border-color:rgb(255, 199, 132) }
```

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, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 43.065, 73.222 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, 132) }
```

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

```
.background{ background-color: rgb(255,  
199, 132) }
```

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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