

Converting Colors

CIELCh(84, 40.673, 72.865)

Have a look what the booklet for
CIELCh(84, 40.673, 72.865) contains.

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Color

CIELCh(84, 40.698, 72.922)

Conversions

Conversions Part 1

Format	Color
Hex	FFC889
RGB	255, 200, 137
RGB Percent	100%, 78%, 54%
CMY	0.0019, 0.2174, 0.4644
CMYK	0.00, 0.22, 0.46, 0.00
HSL	32°, 99%, 77%
HSV	32°, 46%, 100%
XYZ	66.0997, 64.0658, 32.3903
YIQ	209.2630, 53.0030, -7.9330

Conversions

Conversions Part 2

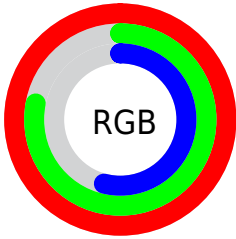
Format	Color
R _Y B	240, 255, 137
Decimal	16763017
CIE Lab	84.00, 11.95, 38.90
CIE LCh	84, 40.698, 72.922
Yxy	64.0658, 0.4066, 0.3941
Android (android.graphics.Color)	4294953097 (0xFFFFC889)
YUV	209.2630, -35.6257, 40.1113
Hunter-Lab	80.0411, 7.3374, 32.0358

Details

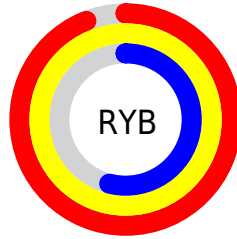
The CIELCh color **84, 40.698, 72.922** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 36.614, 267.705**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 32.214, 107.726**, and **64, 40.657, 72.780** is the 20% darker color. If you saturate the color by 10%, you get **81, 50.352, 71.538**, and if you desaturate by 10%, it is **87, 31.287, 74.280**.

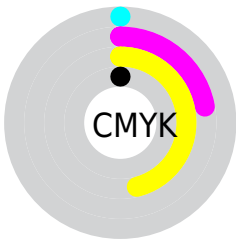
Distribution



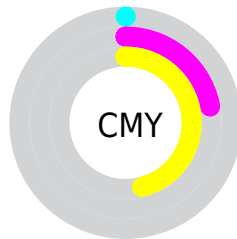
- Red (100%)
- Green (78%)
- Blue (54%)



- Red (94%)
- Yellow (100%)
- Blue (54%)



- Cyan (0%)
- Magenta (22%)
- Yellow (46%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 40.698, 72.922 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, 40.698, 72.922 by changing the saturation by 10% instead.

 84, 40.698, 72.922

 84, 40.698, 72.922

 100, 40.698,
72.922

 74, 40.698, 72.922

 64, 40.698, 72.922

 54, 40.698, 72.922

 44, 40.698, 72.922

 34, 40.698, 72.922

 24, 40.698, 72.922

 14, 40.698, 72.922

 4, 40.698, 72.922

 0, 40.698, 72.922

84, 40.698, 72.922

84, 40.698, 72.922

81, 50.352, 71.538

87, 31.287, 74.280

78, 60.030, 70.075

91, 22.209, 75.608

75, 69.272, 68.444

94, 13.490, 76.906

72, 77.237, 66.450

98, 5.123, 78.139

69, 82.752, 63.767

100, 0.167,
203.371

69, 84.313, 62.677

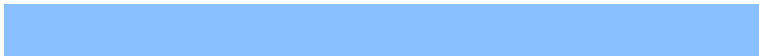
Harmonies

Complementary

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



84, 40.698, 72.922



76, 36.614, 267.705

Rectangle

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



84, 40.698, 72.922



84, 40.698, 122.922



84, 40.698, 252.922



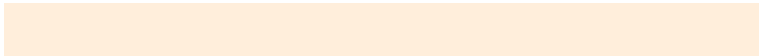
84, 40.698, 302.922

Sweetspot

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



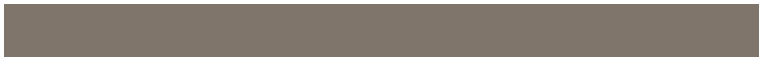
84, 40.698, 72.927



95, 11.521, 77.203



71, 51.625, 350.622



50, 7.990, 76.929



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, 40.698, 72.927



81, 50.101, 71.585



97, 58.156, 107.276



51, 4.634, 77.763



53, 67.817, 63.371



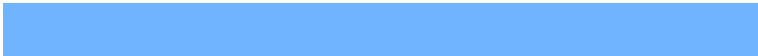
17, 27.040, 65.244

Inverse Universe

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



76, 36.614, 267.705



71, 44.134, 270.529



62, 66.006, 297.719



50, 4.555, 260.340



39, 62.371, 287.344



11, 25.235, 281.066

Previews

White Background



This preview shows how the CIELCh color 84, 40.698, 72.922 looks on a white background.

Color Contrast Check

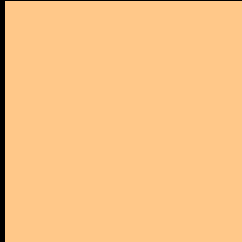
Large Text (above 18pt) WCAG AA × Fail

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, 40.698, 72.922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

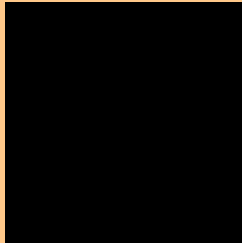
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 40.698, 72.922

Background



This preview shows how black text looks on a background with the CIELCh color 84, 40.698, 72.922.



This preview shows how white text looks on a background with the CIELCh color 84, 40.698, 72.922.

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, 40.698, 72.922

Protanopia

84, 36.546, 96.067

Deuteranopia

84, 40.559, 75.510



Tritanopia
84, 24.163, 5.115

Trichromacy



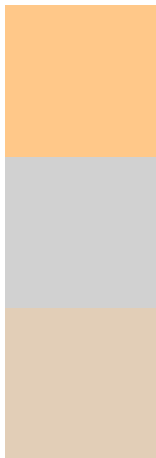
Original Color
84, 40.698, 72.922

Protanomaly
84, 37.353, 87.057

Deuteranomaly
84, 40.638, 74.201

Tritanomaly
84, 24.832, 38.130

Monochromacy



Original Color
84, 40.698, 72.922

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 14.352, 76.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 40.698, 72.922 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, 200, 137)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 137)  
}
```

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, 200, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 40.698, 72.922 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, 200, 137) }
```

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

```
.border{ border-color:rgb(255, 200, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 200, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 200, 137); box-shadow:4px 4px 4px 4px rgb(255, 200, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 40.698, 72.922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 137) }
```

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

```
.background{ background-color: rgb(255,  
200, 137) }
```

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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