

Converting Colors

CIELCh(97, 80.976, 46.276)

Have a look what the booklet for
CIELCh(97, 80.976, 46.276) contains.

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Color

CIELCh(84, 41.439, 72.760)

Conversions

Conversions Part 1

Format	Color
Hex	FFC787
RGB	255, 199, 135
RGB Percent	100%, 78%, 53%
CMY	0.0000, 0.2184, 0.4695
CMYK	0.00, 0.22, 0.47, 0.00
HSL	32°, 100%, 77%
HSV	32°, 47%, 100%
XYZ	66.2473, 64.0658, 31.9024
YIQ	208.4480, 53.9200, -8.0320

Conversions

Conversions Part 2

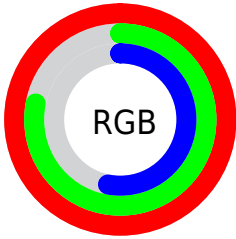
Format	Color
R_{YB}	240, 255, 135
Decimal	16762759
CIE _{Lab}	84.00, 12.28, 39.58
CIE _{LCh}	84, 41.439, 72.760
Yxy	64.0658, 0.4084, 0.3949
Android (android.graphics.Color)	4294952839 (0xFFFFC787)
YUV	208.4480, -36.2099, 40.8261
Hunter-Lab	80.0411, 7.6666, 32.3973

Details

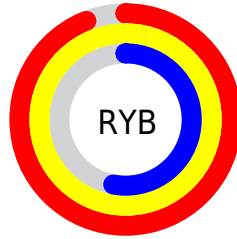
The CIELCh color **84, 41.439, 72.760** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 37.177, 267.949**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 33.205, 107.650**, and **64, 41.445, 72.559** is the 20% darker color. If you saturate the color by 10%, you get **81, 51.032, 71.523**, and if you desaturate by 10%, it is **87, 31.910, 74.273**.

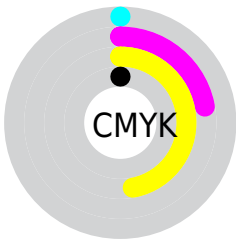
Distribution



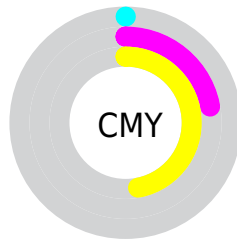
- Red (100%)
- Green (78%)
- Blue (53%)



- Red (94%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (22%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 41.439, 72.760 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, 41.439, 72.760 by changing the saturation by 10% instead.

 84, 41.439, 72.760

 84, 41.439, 72.760

 100, 41.439,
72.760

 74, 41.439, 72.760

 64, 41.439, 72.760

 54, 41.439, 72.760

 44, 41.439, 72.760

 34, 41.439, 72.760

 24, 41.439, 72.760

 14, 41.439, 72.760

 4, 41.439, 72.760

 0, 41.439, 72.760

84, 41.439, 72.760

84, 41.439, 72.760

81, 51.032, 71.523

87, 31.910, 74.273

78, 60.711, 70.051

91, 22.795, 75.604

75, 69.911, 68.403

94, 14.038, 76.905

72, 77.762, 66.376

98, 5.633, 78.146

69, 83.104, 63.643

100, 0.012,
296.813

69, 84.412, 62.739

Harmonies

Complementary

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



84, 41.439, 72.760



76, 37.177, 267.949

Rectangle

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



84, 41.439, 72.760



84, 41.439, 122.760



84, 41.439, 252.760



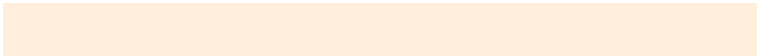
84, 41.439, 302.760

Sweetspot

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



84, 41.355, 72.917



95, 11.527, 77.280



71, 52.347, 350.716



50, 7.994, 77.006



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, 41.355, 72.917



81, 50.112, 71.657



98, 58.951, 107.225



51, 4.637, 77.840



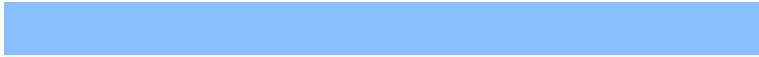
53, 67.799, 63.437



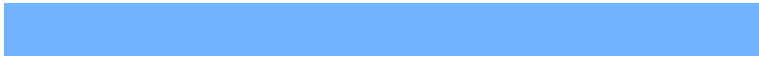
17, 27.042, 65.320

Inverse Universe

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



76, 37.177, 267.949



71, 44.181, 270.606



62, 67.058, 297.833



50, 4.558, 260.418



39, 62.463, 287.410



11, 25.269, 281.139

Previews

White Background



This preview shows how the CIELCh color 84, 41.439, 72.760 looks on a white background.

Color Contrast Check

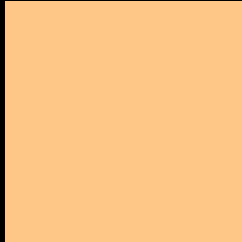
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 41.439, 72.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

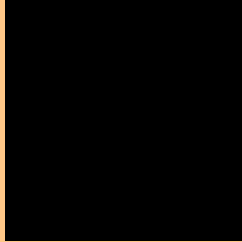
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 41.439, 72.760

Background



This preview shows how black text looks on a background with the CIELCh color 84, 41.439, 72.760.



This preview shows how white text looks on a background with the CIELCh color 84, 41.439, 72.760.

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, 24.163, 5.115

Trichromacy



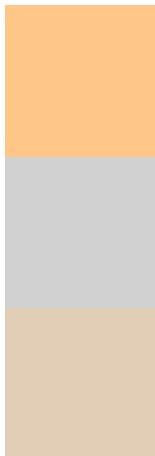
Original Color
84, 41.439, 72.760

Protanomaly
84, 37.838, 87.254

Deuteranomaly
84, 41.085, 74.515

Tritanomaly
84, 25.045, 39.217

Monochromacy



Original Color
84, 41.439, 72.760

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 14.583, 75.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 41.439, 72.760 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 41.439, 72.760 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, 135) }
```

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

```
.border{ border-color:rgb(255, 199, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 41.439, 72.760 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, 135) }
```

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

```
.background{ background-color: rgb(255,  
199, 135) }
```

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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