

Converting Colors

CIELCh(84, 39.614, 73.351)

Have a look what the booklet for
CIELCh(84, 39.614, 73.351) contains.

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Color

CIELCh(84, 39.748, 73.547)

Conversions

Conversions Part 1

Format	Color
Hex	FDC88A
RGB	253, 200, 138
RGB Percent	99%, 78%, 54%
CMY	0.0076, 0.2154, 0.4586
CMYK	0.00, 0.21, 0.45, 0.01
HSL	32°, 97%, 77%
HSV	32°, 45%, 99%
XYZ	65.7895, 64.0658, 32.9635
YIQ	208.7790, 51.4900, -8.0460

Conversions

Conversions Part 2

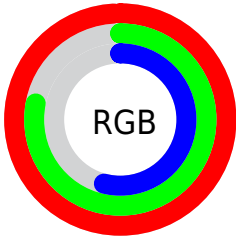
Format	Color
R _Y B	236, 253, 138
Decimal	16631946
CIE Lab	84.00, 11.26, 38.12
CIE LCh	84, 39.748, 73.547
Yxy	64.0658, 0.4041, 0.3935
Android (android.graphics.Color)	4294822026 (0xFFFDC88A)
YUV	208.7790, -34.8940, 38.7818
Hunter-Lab	80.0411, 6.6455, 31.6112

Details

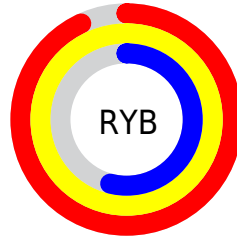
The CIELCh color **84, 39.748, 73.547** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 35.989, 267.991**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 31.717, 107.764**, and **64, 39.651, 73.487** is the 20% darker color. If you saturate the color by 10%, you get **81, 49.335, 72.158**, and if you desaturate by 10%, it is **87, 30.403, 74.910**.

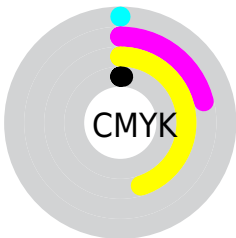
Distribution



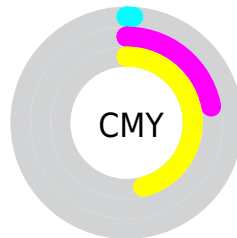
- Red (99%)
- Green (78%)
- Blue (54%)



- Red (93%)
- Yellow (99%)
- Blue (54%)



- Cyan (0%)
- Magenta (21%)
- Yellow (45%)
- Black (1%)



- Cyan (1%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 39.748, 73.547 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, 39.748, 73.547 by changing the saturation by 10% instead.

 84, 39.748, 73.547

 84, 39.748, 73.547

 100, 39.748,
73.547

 74, 39.748, 73.547

 64, 39.748, 73.547

 54, 39.748, 73.547

 44, 39.748, 73.547

 34, 39.748, 73.547

 24, 39.748, 73.547

 14, 39.748, 73.547

 4, 39.748, 73.547

 0, 39.748, 73.547

84, 39.748, 73.547

84, 39.748, 73.547

81, 49.335, 72.158

87, 30.403, 74.910

78, 58.958, 70.693

91, 21.385, 76.242

75, 68.184, 69.072

94, 12.717, 77.542

72, 76.213, 67.113

97, 4.390, 78.764

70, 81.897, 64.503

100, 0.674,
200.347

68, 83.789, 63.139

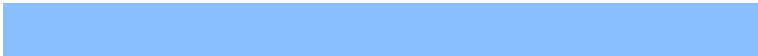
Harmonies

Complementary

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



84, 39.748, 73.547



76, 35.989, 267.991

Rectangle

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



84, 39.748, 73.547



84, 39.748, 123.547



84, 39.748, 253.547



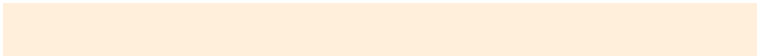
84, 39.748, 303.547

Sweetspot

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



84, 39.748, 73.552



95, 11.563, 77.725



71, 50.440, 350.484



50, 8.019, 77.450



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, 39.748, 73.552



82, 49.210, 72.218



97, 56.850, 107.352



51, 4.652, 78.287



53, 67.701, 63.818



17, 27.053, 65.762

Inverse Universe

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



76, 35.989, 267.991



72, 43.674, 270.741



63, 64.314, 297.553



50, 4.576, 260.868



39, 62.997, 287.790



11, 25.469, 281.555

Previews

White Background



This preview shows how the CIELCh color 84, 39.748, 73.547 looks on a white background.

Color Contrast Check

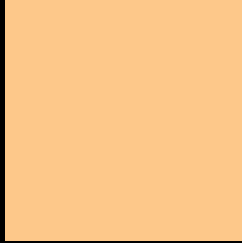
Large Text (above 18pt) WCAG AA × Fail

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, 39.748, 73.547 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, 39.748, 73.547

Background



This preview shows how black text looks on a background with the CIELCh color 84, 39.748, 73.547.



This preview shows how white text looks on a background with the CIELCh color 84, 39.748, 73.547.

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, 39.748, 73.547

Protanopia

84, 36.047, 95.972

Deuteranopia

84, 39.659, 74.883



Tritanopia
84, 24.163, 5.115

Trichromacy



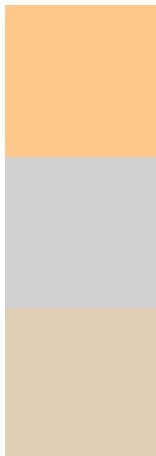
Original Color
84, 39.748, 73.547

Protanomaly
84, 36.230, 87.254

Deuteranomaly
84, 39.659, 74.883

Tritanomaly
84, 24.248, 39.764

Monochromacy



Original Color
84, 39.748, 73.547

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 14.143, 77.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 39.748, 73.547 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(253, 200, 138)` looks like.

```
.text, #text, p{  
    color:rgb(253, 200, 138)  
}
```

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(253, 200, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 200, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 39.748, 73.547 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(253, 200, 138) }
```

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

```
.border{ border-color:rgb(253, 200, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 200, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 200, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 200, 138); box-shadow:4px 4px 4px 4px rgb(253, 200, 138) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 39.748, 73.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 200, 138) }
```

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

```
.background{ background-color: rgb(253,  
200, 138) }
```

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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