

Converting Colors

CIELCh(85, 39.984, 75.272)

Have a look what the booklet for
CIELCh(85, 39.984, 75.272) contains.

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Color

CIELCh(85, 39.747, 75.769)

Conversions

Conversions Part 1

Format	Color
Hex	FECC8C
RGB	254, 204, 140
RGB Percent	100%, 80%, 55%
CMY	0.0048, 0.2008, 0.4517
CMYK	0.00, 0.20, 0.45, 0.00
HSL	34°, 98%, 77%
HSV	34°, 45%, 100%
XYZ	67.0576, 66.0070, 33.9431
YIQ	211.6540, 50.3440, -9.3040

Conversions

Conversions Part 2

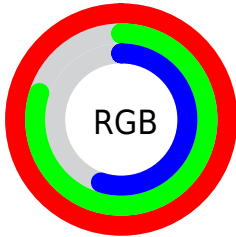
Format	Color
R _{YB}	229, 254, 140
Decimal	16698508
CIE _{Lab}	85.00, 9.77, 38.53
CIE _{LCh}	85, 39.747, 75.769
Yxy	66.0070, 0.4015, 0.3952
Android (android.graphics.Color)	4294888588 (0xFFFECC8C)
YUV	211.6540, -35.3254, 37.1374
Hunter-Lab	81.2447, 5.1517, 32.1006

Details

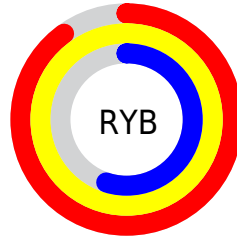
The CIELCh color **85, 39.747, 75.769** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 36.684, 270.079**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 30.724, 107.841**, and **65, 39.591, 75.857** is the 20% darker color. If you saturate the color by 10%, you get **82, 49.327, 74.347**, and if you desaturate by 10%, it is **88, 30.365, 77.159**.

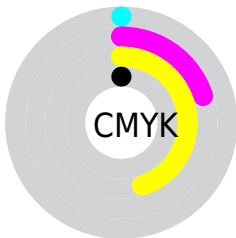
Distribution



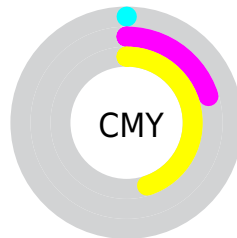
- Red (100%)
- Green (80%)
- Blue (55%)



- Red (90%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 39.747, 75.769 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 85, 39.747, 75.769 by changing the saturation by 10% instead.

 85, 39.747, 75.769

 85, 39.747, 75.769

 100, 39.747,
75.769

 75, 39.747, 75.769

 65, 39.747, 75.769

 55, 39.747, 75.769

 45, 39.747, 75.769

 35, 39.747, 75.769

 25, 39.747, 75.769

 15, 39.747, 75.769

 5, 39.747, 75.769

 0, 39.747, 75.769

85, 39.747, 75.769

85, 39.747, 75.769

82, 49.327, 74.347

88, 30.365, 77.159

79, 58.893, 72.847

91, 21.272, 78.512

76, 68.010, 71.195

95, 12.496, 79.828

74, 75.891, 69.224

98, 4.035, 81.057

71, 81.419, 66.648

100, 0.423,
200.945

70, 83.371, 65.123

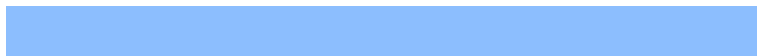
Harmonies

Complementary

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



85, 39.747, 75.769



76, 36.684, 270.079

Rectangle

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



85, 39.747, 75.769



85, 39.747, 125.769



85, 39.747, 255.769



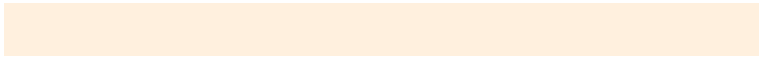
85, 39.747, 305.769

Sweetspot

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



85, 39.747, 75.774



96, 10.899, 80.072



72, 49.574, 351.460



50, 7.658, 79.789



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 39.747, 75.774



83, 48.642, 74.477



97, 56.380, 108.167



51, 4.735, 80.513



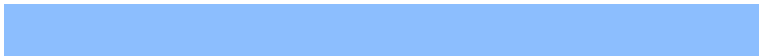
54, 67.254, 65.793



17, 27.137, 68.011

Inverse Universe

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



76, 36.684, 270.079



71, 44.244, 272.641



63, 63.631, 297.912



50, 4.672, 263.104



38, 65.744, 289.639



11, 26.503, 283.591

Previews

White Background



This preview shows how the CIELCh color 85, 39.747, 75.769 looks on a white background.

Color Contrast Check

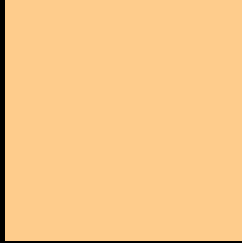
Large Text (above 18pt) WCAG AA × Fail

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 85, 39.747, 75.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

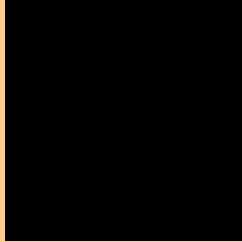
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 39.747, 75.769

Background



This preview shows how black text looks on a background with the CIELCh color 85, 39.747, 75.769.



This preview shows how white text looks on a background with the CIELCh color 85, 39.747, 75.769.

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

85, 39.747, 75.769

Protanopia

85, 36.573, 95.475

Deuteranopia

85, 39.819, 74.436



Tritanopia
85, 22.618, 3.830

Trichromacy



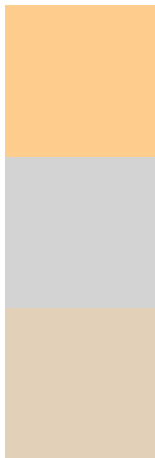
Original Color
85, 39.747, 75.769

Protanomaly
85, 37.104, 87.722

Deuteranomaly
85, 39.819, 74.436

Tritanomaly
85, 23.401, 40.350

Monochromacy



Original Color
85, 39.747, 75.769

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 14.116, 78.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 39.747, 75.769 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(254, 204, 140)` looks like.

```
.text, #text, p{  
    color:rgb(254, 204, 140)  
}
```

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(254, 204, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 204, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 39.747, 75.769 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(254, 204, 140) }
```

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

```
.border{ border-color:rgb(254, 204, 140) }
```

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

Here you see how a box with a 4 pixel rgb(254, 204, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 204, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 204, 140);  
box-shadow:4px 4px 4px 4px rgb(254, 204,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 39.747, 75.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 204, 140) }
```

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

```
.background{ background-color: rgb(254,  
204, 140) }
```

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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