

Converting Colors

CIELCh(90, 47.395, 39.226)

Have a look what the booklet for
CIELCh(90, 47.395, 39.226) contains.

CIELCh(84, 27.096, 51.946)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 27.096, 51.946)

Conversions

Conversions Part 1

Format	Color
Hex	FEC5AA
RGB	254, 197, 170
RGB Percent	100%, 77%, 67%
CMY	0.0031, 0.2265, 0.3323
CMYK	0.00, 0.22, 0.33, 0.00
HSL	19°, 98%, 83%
HSV	19°, 33%, 100%
XYZ	68.2490, 64.0658, 46.9321
YIQ	210.9650, 42.6390, 3.6870

Conversions

Conversions Part 2

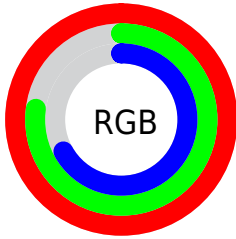
Format	Color
RYB	254, 210, 170
Decimal	16696746
CIELab	84.00, 16.70, 21.34
CIELCh	84, 27.096, 51.946
Yxy	64.0658, 0.3808, 0.3574
Android (android.graphics.Color)	4294886826 (0xFFFE C5AA)
YUV	210.9650, -20.1957, 37.7417
Hunter-Lab	80.0411, 12.1304, 21.2641

Details

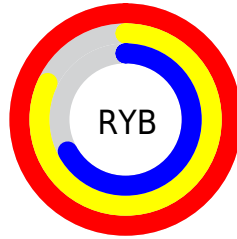
The CIELCh color **84, 27.096, 51.946** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 22.298, 238.028**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.685, 107.640**, and **64, 27.085, 51.518** is the 20% darker color. If you saturate the color by 10%, you get **79, 36.682, 51.440**, and if you desaturate by 10%, it is **89, 18.180, 52.553**.

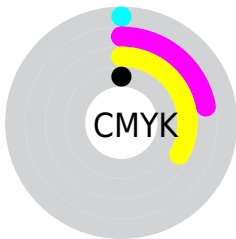
Distribution



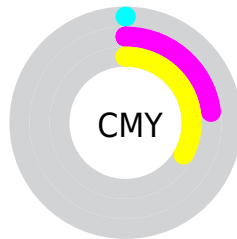
- Red (100%)
- Green (77%)
- Blue (67%)



- Red (100%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.096, 51.946 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, 27.096, 51.946 by changing the saturation by 10% instead.

 84, 27.096, 51.946

 84, 27.096, 51.946

 100, 27.096,
51.946

 74, 27.096, 51.946

 64, 27.096, 51.946

 54, 27.096, 51.946

 44, 27.096, 51.946

 34, 27.096, 51.946

 24, 27.096, 51.946

 14, 27.096, 51.946

 4, 27.096, 51.946

 0, 27.096, 51.946

84, 27.096, 51.946

84, 27.096, 51.946

79, 36.682, 51.440

89, 18.180, 52.553

75, 46.936, 51.030

93, 9.903, 53.209

71, 57.768, 50.715

98, 2.210, 53.736

67, 68.916, 50.434

100, 0.279,
201.767

64, 79.757, 50.000

61, 88.997, 48.987

59, 93.908, 47.826

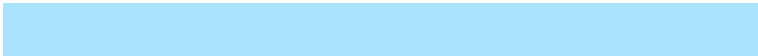
Harmonies

Complementary

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



84, 27.096, 51.946



87, 22.298, 238.028

Rectangle

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



84, 27.096, 51.946



84, 27.096, 101.946



84, 27.096, 231.946



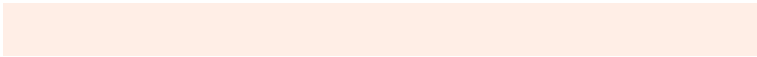
84, 27.096, 281.946

Sweetspot

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



84, 27.095, 51.953



95, 7.542, 53.407



79, 42.306, 337.463



50, 5.173, 53.315



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, 27.095, 51.953



81, 33.806, 51.584



94, 35.393, 97.534



51, 4.280, 53.439



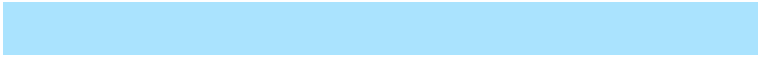
45, 75.339, 48.418



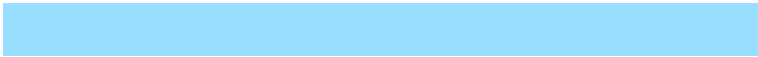
13, 28.281, 45.489

Inverse Universe

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



87, 22.298, 238.028



85, 26.500, 239.262



77, 37.008, 286.180



51, 4.076, 235.125



51, 40.928, 260.159



16, 17.698, 252.985

Previews

White Background



This preview shows how the CIELCh color 84, 27.096, 51.946 looks on a white background.

Color Contrast Check

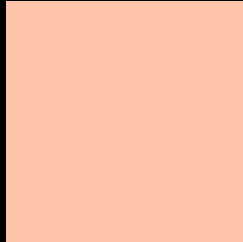
Large Text (above 18pt) WCAG AA × Fail

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, 27.096, 51.946 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, 27.096, 51.946

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.096, 51.946.



This preview shows how white text looks on a background with the CIELCh color 84, 27.096, 51.946.

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, 27.129, 51.939

Protanopia

84, 17.918, 93.607

Deuteranopia

84, 24.293, 65.175



Tritanopia
84, 24.273, 3.912

Trichromacy



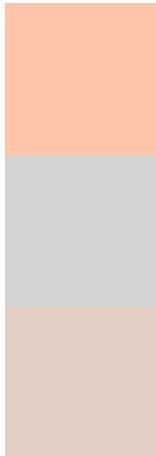
Original Color
84, 27.129, 51.939

Protanomaly
84, 19.726, 74.886

Deuteranomaly
84, 25.397, 59.836

Tritanomaly
84, 23.041, 22.493

Monochromacy



Original Color
84, 27.129, 51.939

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.497, 53.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.096, 51.946 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, 197, 170)` looks like.

```
.text, #text, p{  
    color:rgb(254, 197, 170)  
}
```

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, 197, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 197, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.096, 51.946 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, 197, 170) }
```

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

```
.border{ border-color:rgb(254, 197, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 197, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 197, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 197, 170);  
box-shadow:4px 4px 4px 4px rgb(254, 197,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.096, 51.946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 197, 170) }
```

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

```
.background{ background-color: rgb(254,  
197, 170) }
```

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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