

Converting Colors

CIELCh(84, 27.301, 49.471)

Have a look what the booklet for
CIELCh(84, 27.301, 49.471) contains.

CIELCh(84, 27.167, 50.654)	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, 27.167, 50.654)

Conversions

Conversions Part 1

Format	Color
Hex	FFC5AB
RGB	255, 197, 171
RGB Percent	100%, 77%, 67%
CMY	0.0004, 0.2278, 0.3298
CMYK	0.00, 0.23, 0.33, 0.00
HSL	19°, 100%, 83%
HSV	19°, 33%, 100%
XYZ	68.4879, 64.0658, 47.2376
YIQ	211.3780, 42.9140, 4.2100

Conversions

Conversions Part 2

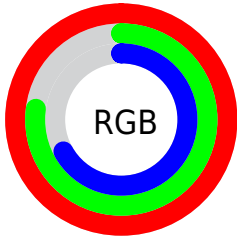
Format	Color
R _Y B	255, 209, 171
Decimal	16762283
CIE Lab	84.00, 17.22, 21.01
CIE LCh	84, 27.167, 50.654
Yxy	64.0658, 0.3809, 0.3563
Android (android.graphics.Color)	4294952363 (0xFFFFC5AB)
YUV	211.3780, -19.9064, 38.2565
Hunter-Lab	80.0411, 12.6632, 21.0377

Details

The CIELCh color **84, 27.167, 50.654** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 22.245, 236.351**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.180, 107.630**, and **64, 27.130, 50.183** is the 20% darker color. If you saturate the color by 10%, you get **79, 36.819, 50.220**, and if you desaturate by 10%, it is **89, 18.200, 51.197**.

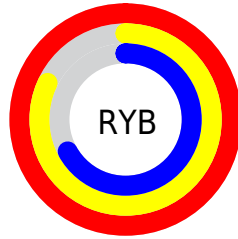
Distribution



Red (100%)

Green (77%)

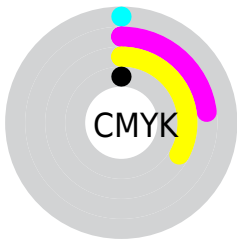
Blue (67%)



Red (100%)

Yellow (82%)

Blue (67%)

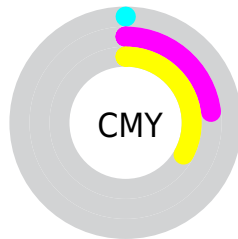


Cyan (0%)

Magenta (23%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (23%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 27.167, 50.654 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, 27.167, 50.654 by changing the saturation by 10% instead.

 84, 27.167, 50.654

 84, 27.167, 50.654

 100, 27.167,
50.654

 74, 27.167, 50.654

 64, 27.167, 50.654

 54, 27.167, 50.654

 44, 27.167, 50.654

 34, 27.167, 50.654

 24, 27.167, 50.654

 14, 27.167, 50.654

 4, 27.167, 50.654

 0, 27.167, 50.654

84, 27.167, 50.654

84, 27.167, 50.654

79, 36.819, 50.220

89, 18.200, 51.197

75, 47.154, 49.892

94, 9.885, 51.796

71, 58.082, 49.672

98, 2.167, 52.263

67, 69.345, 49.500

100, 0.037,
217.802

64, 80.320, 49.193

61, 89.702, 48.316

59, 94.724, 47.233

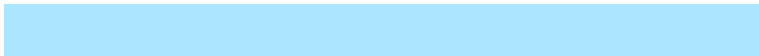
Harmonies

Complementary

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



84, 27.167, 50.654



88, 22.245, 236.351

Rectangle

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



84, 27.167, 50.654



84, 27.167, 100.654



84, 27.167, 230.654



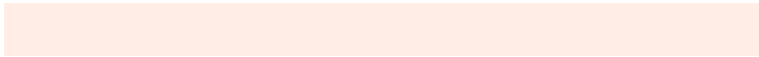
84, 27.167, 280.654

Sweetspot

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



84, 27.166, 50.661



95, 7.551, 51.973



80, 42.795, 336.723



50, 5.179, 51.889



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, 27.166, 50.661



81, 33.911, 50.339



94, 34.852, 96.498



51, 4.285, 52.003



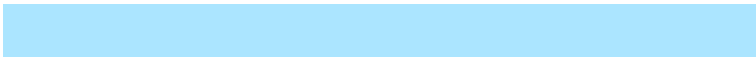
45, 75.829, 47.814



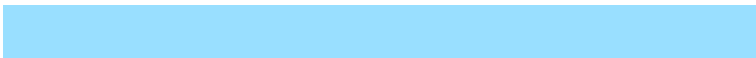
13, 28.432, 44.554

Inverse Universe

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



88, 22.245, 236.351



86, 26.401, 237.546



77, 36.270, 285.244



51, 4.074, 233.596



52, 40.106, 258.020



16, 17.440, 250.919

Previews

White Background



This preview shows how the CIELCh color 84, 27.167, 50.654 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, 27.167, 50.654 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, 27.167, 50.654

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.167, 50.654.

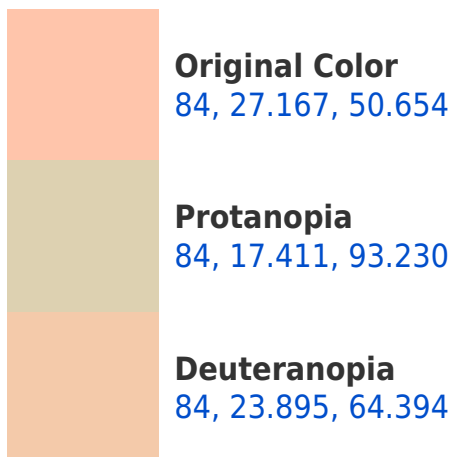


This preview shows how white text looks on a background with the CIELCh color 84, 27.167, 50.654.

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, 24.273, 3.912

Trichromacy



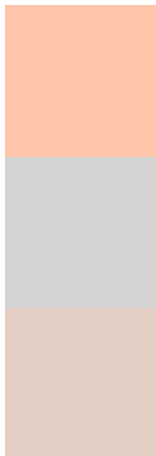
Original Color
84, 27.167, 50.654

Protanomaly
84, 19.281, 74.104

Deuteranomaly
84, 25.029, 59.012

Tritanomaly
84, 23.403, 21.248

Monochromacy



Original Color
84, 27.167, 50.654

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, 27.167, 50.654 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, 197, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 171)  
}
```

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, 197, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.167, 50.654 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, 197, 171) }
```

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

```
.border{ border-color:rgb(255, 197, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 197, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 197, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 197, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 197,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.167, 50.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 171) }
```

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

```
.background{ background-color: rgb(255,  
197, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor