

Converting Colors

CIELCh(88, 43.209, 39.549)

Have a look what the booklet for
CIELCh(88, 43.209, 39.549) contains.

CIELCh(84, 27.650, 48.977)	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, 27.650, 48.977)

Conversions

Conversions Part 1

Format	Color
Hex	FFC4AB
RGB	255, 196, 171
RGB Percent	100%, 77%, 67%
CMY	0.0000, 0.2303, 0.3285
CMYK	0.00, 0.23, 0.33, 0.00
HSL	18°, 100%, 84%
HSV	18°, 33%, 100%
XYZ	68.9125, 64.0658, 47.3769
YIQ	210.7910, 43.1890, 4.7330

Conversions

Conversions Part 2

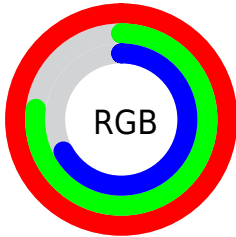
Format	Color
R _Y B	255, 207, 171
Decimal	16762027
CIE Lab	84.00, 18.15, 20.86
CIE LCh	84, 27.650, 48.977
Yxy	64.0658, 0.3821, 0.3552
Android (android.graphics.Color)	4294952107 (0xFFFFC4AB)
YUV	210.7910, -19.6170, 38.7713
Hunter-Lab	80.0411, 13.6102, 20.9346

Details

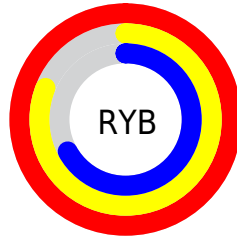
The CIELCh color **84, 27.650, 48.977** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 22.153, 234.837**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.696, 106.085**, and **64, 27.235, 48.848** is the 20% darker color. If you saturate the color by 10%, you get **79, 36.854, 49.135**, and if you desaturate by 10%, it is **89, 18.161, 49.989**.

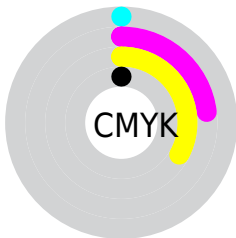
Distribution



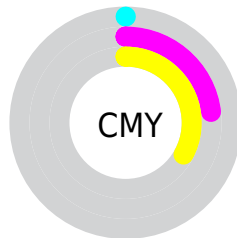
- Red (100%)
- Green (77%)
- Blue (67%)



- Red (100%)
- Yellow (81%)
- 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, 27.650, 48.977 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, 27.650, 48.977 by changing the saturation by 10% instead.

 84, 27.650, 48.977

 84, 27.650, 48.977

 100, 27.650,
48.977

 74, 27.650, 48.977

 64, 27.650, 48.977

 54, 27.650, 48.977

 44, 27.650, 48.977

 34, 27.650, 48.977

 24, 27.650, 48.977

 14, 27.650, 48.977

 4, 27.650, 48.977

 0, 27.650, 48.977

84, 27.650, 48.977

84, 27.650, 48.977

79, 36.854, 49.135

89, 18.161, 49.989

75, 47.242, 48.881

94, 9.825, 50.535

71, 58.237, 48.748

99, 2.096, 50.944

67, 69.581, 48.677

100, 0.012,
296.813

63, 80.658, 48.487

60, 90.156, 47.740

58, 95.301, 46.727

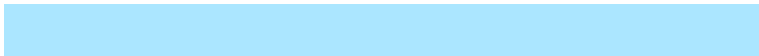
Harmonies

Complementary

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



84, 27.650, 48.977



88, 22.153, 234.837

Rectangle

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



84, 27.650, 48.977



84, 27.650, 98.977



84, 27.650, 228.977



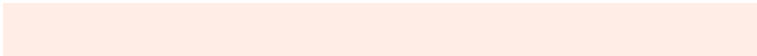
84, 27.650, 278.977

Sweetspot

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



84, 27.159, 49.510



95, 7.563, 50.692



80, 43.167, 335.998



50, 5.188, 50.615



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, 27.159, 49.510



81, 33.037, 49.266



94, 34.223, 95.432



51, 4.292, 50.719



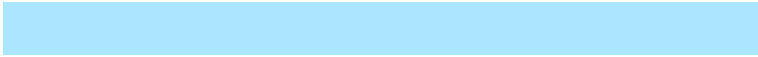
44, 76.266, 47.294



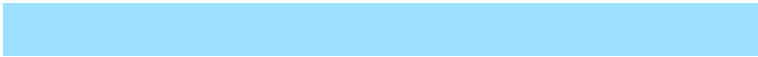
13, 28.571, 43.738

Inverse Universe

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



88, 22.153, 234.837



86, 25.764, 235.826



78, 35.437, 284.265



51, 4.076, 232.227



53, 39.417, 256.044



17, 17.227, 249.028

Previews

White Background



This preview shows how the CIELCh color 84, 27.650, 48.977 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, 27.650, 48.977 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, 27.650, 48.977

Background



This preview shows how black text looks on a background with the CIELCh color 84, 27.650, 48.977.



This preview shows how white text looks on a background with the CIELCh color 84, 27.650, 48.977.

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](#).

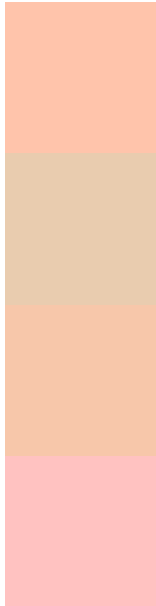
Dichromacy





Tritanopia
84, 24.163, 5.115

Trichromacy



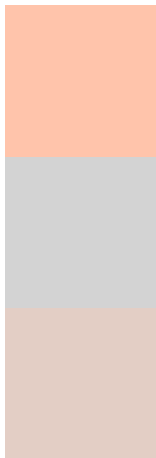
Original Color
84, 27.254, 49.369

Protanomaly
84, 19.100, 72.312

Deuteranomaly
84, 24.696, 58.152

Tritanomaly
84, 23.461, 22.512

Monochromacy



Original Color
84, 27.254, 49.369

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.203, 50.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 27.650, 48.977 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, 196, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 196, 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, 196, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 196, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 27.650, 48.977 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, 196, 171) }
```

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

```
.border{ border-color:rgb(255, 196, 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, 196, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 196, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 196, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 196,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 27.650, 48.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 196, 171) }
```

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

```
.background{ background-color: rgb(255,  
196, 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](#).

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