

Converting Colors

CIELCh(88, 13.489, 48.301)

Have a look what the booklet for
CIELCh(88, 13.489, 48.301) contains.

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Color

CIELCh(88, 13.635, 47.243)

Conversions

Conversions Part 1

Format	Color
Hex	F6D6CA
RGB	246, 214, 202
RGB Percent	96%, 84%, 79%
CMY	0.0347, 0.1602, 0.2072
CMYK	0.00, 0.13, 0.18, 0.03
HSL	16°, 71%, 88%
HSV	16°, 18%, 97%
XYZ	72.8273, 72.0653, 66.0440
YIQ	222.2000, 22.9240, 3.0520

Conversions

Conversions Part 2

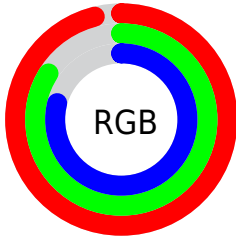
Format	Color
R _Y B	246, 219, 202
Decimal	16176842
CIE Lab	88.00, 9.26, 10.01
CIE LCh	88, 13.635, 47.243
Yxy	72.0653, 0.3453, 0.3416
Android (android.graphics.Color)	4294366922 (0xFFFF6D6CA)
YUV	222.2000, -9.9586, 20.8726
Hunter-Lab	84.8913, 4.5735, 13.2973

Details

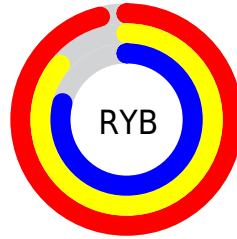
The CIELCh color **88, 13.635, 47.243** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 12.240, 229.535**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 13.556, 46.606** is the 20% darker color. If you saturate the color by 10%, you get **83, 22.133, 46.878**, and if you desaturate by 10%, it is **93, 5.775, 47.676**.

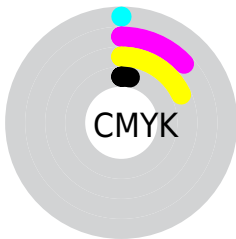
Distribution



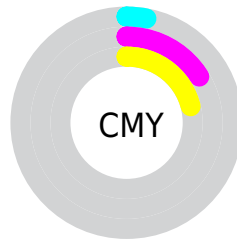
- Red (96%)
- Green (84%)
- Blue (79%)



- Red (96%)
- Yellow (86%)
- Blue (79%)



- Cyan (0%)
- Magenta (13%)
- Yellow (18%)
- Black (3%)



- Cyan (3%)
- Magenta (16%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 13.635, 47.243 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 88, 13.635, 47.243 by changing the saturation by 10% instead.

 88, 13.635, 47.243

 88, 13.635, 47.243

 100, 13.635,
47.243

 78, 13.635, 47.243

 68, 13.635, 47.243

 58, 13.635, 47.243

 48, 13.635, 47.243

 38, 13.635, 47.243

 28, 13.635, 47.243

 18, 13.635, 47.243

 8, 13.635, 47.243

 0, 13.635, 47.243

88, 13.635, 47.243

88, 13.635, 47.243

83, 22.133, 46.878

93, 5.775, 47.676

78, 31.318, 46.605

98, 1.504, 228.729

74, 41.206, 46.467

99, 3.058, 199.428

70, 51.760, 46.480

66, 62.826, 46.626

62, 74.017, 46.804

59, 84.441, 46.719

56, 92.487, 45.820

56, 93.991, 45.641

Harmonies

Complementary

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



88, 13.635, 47.243



91, 12.240, 229.535

Rectangle

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



88, 13.635, 47.243



88, 13.635, 97.243



88, 13.635, 227.243



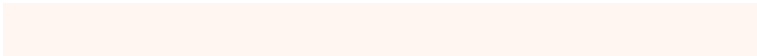
88, 13.635, 277.243

Sweetspot

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



88, 13.634, 47.255



97, 3.729, 47.765



86, 23.086, 334.173



52, 2.551, 47.748



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 13.634, 47.255



89, 16.690, 47.127



93, 17.721, 96.191



49, 4.174, 47.612



42, 75.720, 46.172



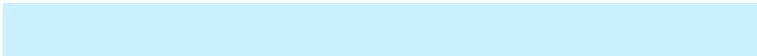
11, 26.440, 40.694

Inverse Universe

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



91, 12.240, 229.535



93, 14.670, 229.826



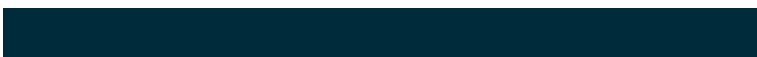
85, 17.985, 280.702



49, 3.954, 228.897



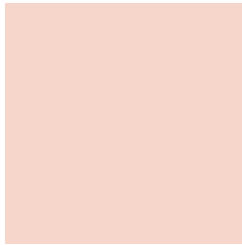
53, 37.151, 250.907



16, 15.841, 243.503

Previews

White Background



This preview shows how the CIELCh color 88, 13.635, 47.243 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 88, 13.635, 47.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

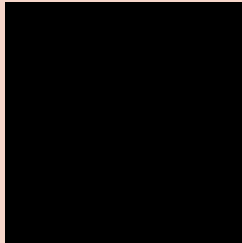
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 13.635, 47.243

Background



This preview shows how black text looks on a background with the CIELCh color 88, 13.635, 47.243.

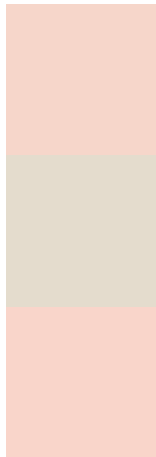


This preview shows how white text looks on a background with the CIELCh color 88, 13.635, 47.243.

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

88, 13.635, 47.243

Protanopia

88, 8.331, 88.652

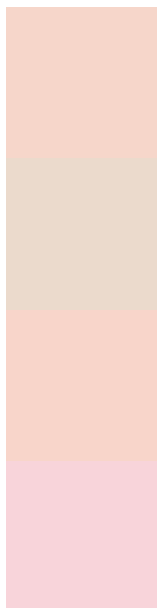
Deuteranopia

88, 14.812, 42.862



Tritanopia
88, 16.682, 348.675

Trichromacy



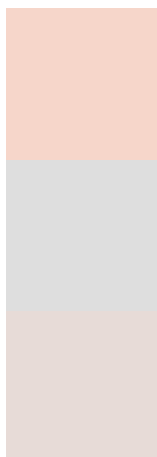
Original Color
88, 13.635, 47.243

Protanomaly
88, 9.657, 68.440

Deuteranomaly
88, 14.455, 43.432

Tritanomaly
88, 13.600, 7.180

Monochromacy



Original Color
88, 13.635, 47.243

Achromatopsia
88, 0.011, 296.813

Achromatomaly
88, 4.839, 44.996

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 13.635, 47.243 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(246, 214, 202)` looks like.

```
.text, #text, p{  
    color:rgb(246, 214, 202)  
}
```

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(246, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 214, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 13.635, 47.243 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(246, 214, 202) }
```

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

```
.border{ border-color:rgb(246, 214, 202) }
```

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

Here you see how a box with a 4 pixel rgb(246, 214, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(246, 214,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 13.635, 47.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 214, 202) }
```

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

```
.background{ background-color: rgb(246,  
214, 202) }
```

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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