

Converting Colors

CIELCh(89, 21.764, 42.389)

Have a look what the booklet for
CIELCh(89, 21.764, 42.389) contains.

CIELCh(88, 18.558, 46.862)	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(88, 18.558, 46.862)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4C4
RGB	255, 212, 196
RGB Percent	100%, 83%, 77%
CMY	0.0015, 0.1700, 0.2328
CMYK	0.00, 0.17, 0.23, 0.00
HSL	16°, 99%, 88%
HSV	16°, 23%, 100%
XYZ	74.4787, 72.0653, 61.9977
YIQ	223.0330, 30.7640, 4.1400

Conversions

Conversions Part 2

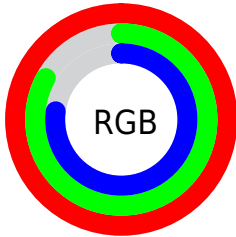
Format	Color
R _Y B	255, 218, 196
Decimal	16766148
CIE Lab	88.00, 12.69, 13.54
CIE LCh	88, 18.558, 46.862
Yxy	72.0653, 0.3571, 0.3456
Android (android.graphics.Color)	4294956228 (0xFFFFD4C4)
YUV	223.0330, -13.3273, 28.0351
Hunter-Lab	84.8913, 8.0460, 16.1233

Details

The CIELCh color **88, 18.558, 46.862** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 16.065, 229.834**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.003, 110.026**, and **68, 18.854, 46.337** is the 20% darker color. If you saturate the color by 10%, you get **83, 27.670, 46.554**, and if you desaturate by 10%, it is **93, 10.132, 47.274**.

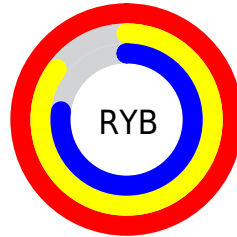
Distribution



Red (100%)

Green (83%)

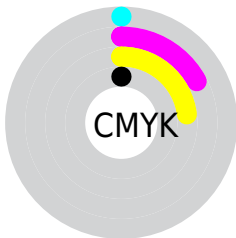
Blue (77%)



Red (100%)

Yellow (85%)

Blue (77%)

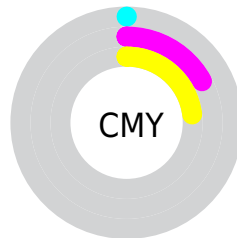


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 18.558, 46.862 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, 18.558, 46.862 by changing the saturation by 10% instead.

 88, 18.558, 46.862

 88, 18.558, 46.862

 100, 18.558,
46.862

 78, 18.558, 46.862

 68, 18.558, 46.862

 58, 18.558, 46.862

 48, 18.558, 46.862

 38, 18.558, 46.862

 28, 18.558, 46.862

 18, 18.558, 46.862

 8, 18.558, 46.862

 0, 18.558, 46.862

88, 18.558, 46.862

88, 18.558, 46.862

83, 27.670, 46.554

93, 10.132, 47.274

78, 37.505, 46.360

98, 2.339, 47.577

74, 48.055, 46.313

100, 0.130,
204.498

69, 59.225, 46.417

66, 70.753, 46.618

62, 82.001, 46.727

59, 91.605, 46.278

58, 96.568, 45.523

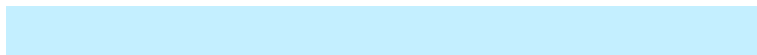
Harmonies

Complementary

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



88, 18.558, 46.862



92, 16.065, 229.834

Rectangle

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



88, 18.558, 46.862



88, 18.558, 96.862



88, 18.558, 226.862



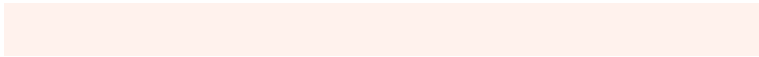
88, 18.558, 276.862

Sweetspot

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



88, 18.557, 46.871



96, 5.265, 47.523



85, 30.792, 334.562



51, 3.429, 47.501



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, 18.557, 46.871



86, 22.904, 46.704



95, 23.657, 95.536



50, 4.319, 47.427



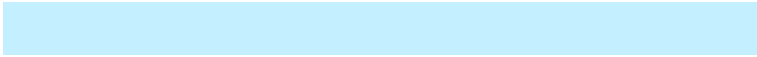
44, 77.374, 46.047



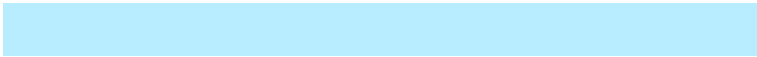
13, 28.947, 41.723

Inverse Universe

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



92, 16.065, 229.834



90, 19.159, 230.360



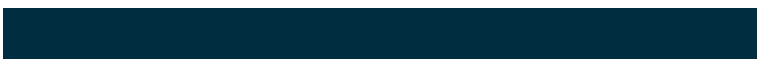
84, 24.121, 281.541



51, 4.090, 228.703



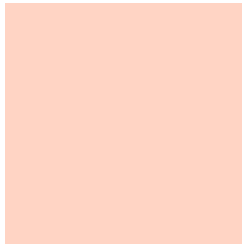
54, 37.854, 250.701



17, 16.763, 243.999

Previews

White Background



This preview shows how the CIELCh color 88, 18.558, 46.862 looks on a white background.

Color Contrast Check

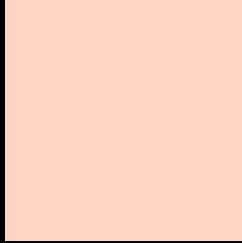
Large Text (above 18pt) WCAG AA × Fail

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, 18.558, 46.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

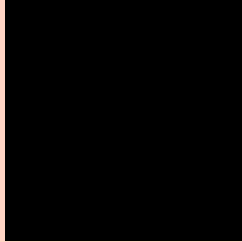
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 18.558, 46.862

Background



This preview shows how black text looks on a background with the CIELCh color 88, 18.558, 46.862.

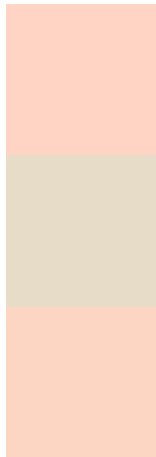


This preview shows how white text looks on a background with the CIELCh color 88, 18.558, 46.862.

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, 18.558, 46.862

Protanopia

88, 11.040, 89.467

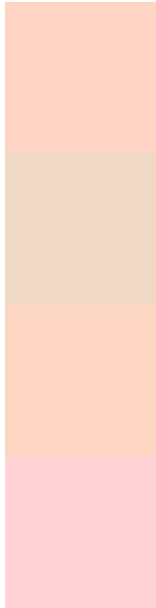
Deuteranopia

88, 17.729, 51.923



Tritanopia
88, 18.320, 357.471

Trichromacy



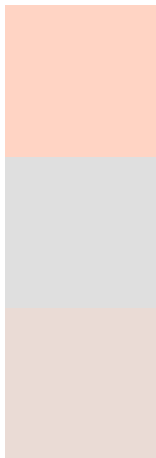
Original Color
88, 18.558, 46.862

Protanomaly
88, 12.940, 69.303

Deuteranomaly
88, 18.065, 51.285

Tritanomaly
88, 16.820, 15.360

Monochromacy



Original Color
88, 18.558, 46.862

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 6.321, 49.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 18.558, 46.862 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, 212, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 196)  
}
```

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, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 18.558, 46.862 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, 212, 196) }
```

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

```
.border{ border-color:rgb(255, 212, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 18.558, 46.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 196) }
```

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

```
.background{ background-color: rgb(255,  
212, 196) }
```

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