

Converting Colors

CIELCh(87, 18.899, 11.387)

Have a look what the booklet for
CIELCh(87, 18.899, 11.387) contains.

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Color

CIELCh(87, 18.506, 11.150)

Conversions

Conversions Part 1

Format	Color
Hex	FFCED4
RGB	255, 206, 212
RGB Percent	100%, 81%, 83%
CMY	0.0008, 0.1929, 0.1694
CMYK	0.00, 0.19, 0.17, 0.00
HSL	353°, 99%, 90%
HSV	353°, 19%, 100%
XYZ	75.0411, 70.0064, 71.7091
YIQ	221.3350, 27.2780, 12.2540

Conversions

Conversions Part 2

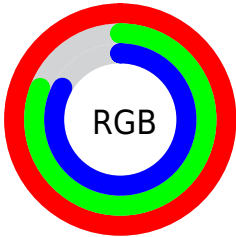
Format	Color
R _Y B	255, 206, 212
Decimal	16764628
CIE Lab	87.00, 18.16, 3.58
CIE LCh	87, 18.506, 11.150
Yxy	70.0064, 0.3462, 0.3230
Android (android.graphics.Color)	4294954708 (0xFFFFCED4)
YUV	221.3350, -4.6022, 29.5242
Hunter-Lab	83.6698, 13.6693, 7.7545

Details

The CIELCh color **87, 18.506, 11.150** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 16.789, 187.796**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **67, 18.397, 12.663** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.961, 12.446**, and if you desaturate by 10%, it is **94, 8.606, 10.074**.

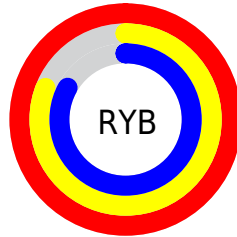
Distribution



Red (100%)

Green (81%)

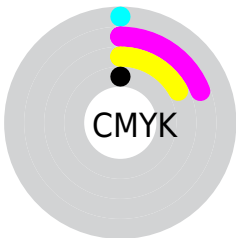
Blue (83%)



Red (100%)

Yellow (81%)

Blue (83%)

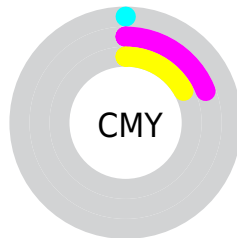


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.506, 11.150 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 87, 18.506, 11.150 by changing the saturation by 10% instead.

 87, 18.506, 11.150

 87, 18.506, 11.150

 100, 18.506,
11.150

 77, 18.506, 11.150

 67, 18.506, 11.150

 57, 18.506, 11.150

 47, 18.506, 11.150

 37, 18.506, 11.150

 27, 18.506, 11.150

 17, 18.506, 11.150

 7, 18.506, 11.150

 0, 18.506, 11.150

87, 18.506, 11.150

87, 18.506, 11.150

81, 28.961, 12.446

94, 8.606, 10.074

74, 39.868, 14.043

100, 0.074,
208.427

69, 51.018, 16.059

64, 62.089, 18.627

60, 72.690, 21.888

56, 82.447, 25.919

54, 91.082, 30.593

53, 98.296, 35.275

53, 98.805, 35.583

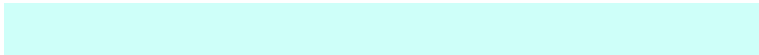
Harmonies

Complementary

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



87, 18.506, 11.150



97, 16.789, 187.796

Rectangle

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



87, 18.506, 11.150



87, 18.506, 61.150



87, 18.506, 191.150



87, 18.506, 241.150

Sweetspot

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



87, 18.504, 11.156



96, 5.544, 9.736



88, 29.578, 321.670



51, 3.685, 9.806



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

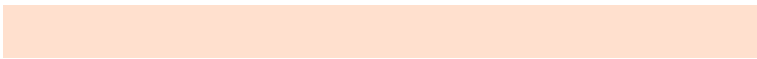
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 18.504, 11.156



85, 22.403, 11.613



91, 14.979, 58.044



50, 5.312, 10.102



40, 78.881, 34.749



10, 32.452, 22.182

Inverse Universe

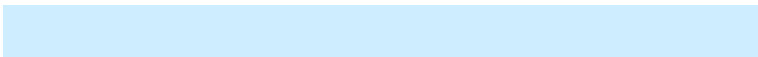
The Inverse Universe completely reimagines the original color for something new.



87, 18.504, 11.156



85, 22.403, 11.613



92, 13.640, 242.049



50, 5.312, 10.102



40, 78.881, 34.749



10, 32.452, 22.182

Previews

White Background



This preview shows how the CIELCh color 87, 18.506, 11.150 looks on a white background.

Color Contrast Check

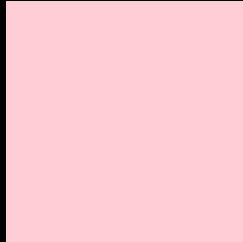
Large Text (above 18pt) WCAG AA × Fail

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 87, 18.506, 11.150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

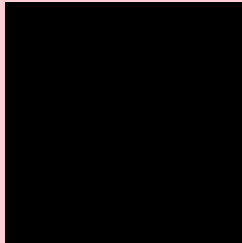
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.506, 11.150

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.506, 11.150.



This preview shows how white text looks on a background with the CIELCh color 87, 18.506, 11.150.

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

87, 18.506, 11.150

Protanopia

87, 1.887, 3.161

Deuteranopia

87, 11.495, 20.209



Tritanopia
87, 19.932, 357.961

Trichromacy



Original Color
87, 18.506, 11.150

Protanomaly
87, 7.843, 8.430

Deuteranomaly
87, 14.166, 16.240

Tritanomaly
87, 19.464, 2.263

Monochromacy



Original Color
87, 18.506, 11.150

Achromatopsia
88, 0.010, 296.813

Achromatomaly
87, 6.748, 6.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.506, 11.150 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, 206, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 212)  
}
```

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, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.506, 11.150 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, 206, 212) }
```

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

```
.border{ border-color:rgb(255, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.506, 11.150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 212) }
```

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

```
.background{ background-color: rgb(255,  
206, 212) }
```

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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