

Converting Colors

CIELCh(88, 11.856, 4.798)

Have a look what the booklet for
CIELCh(88, 11.856, 4.798) contains.

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Color

CIELCh(88, 11.780, 4.921)

Conversions

Conversions Part 1

Format	Color
Hex	F4D5DB
RGB	244, 213, 219
RGB Percent	96%, 84%, 86%
CMY	0.0424, 0.1640, 0.1405
CMYK	0.00, 0.13, 0.10, 0.04
HSL	348°, 59%, 90%
HSV	348°, 13%, 96%
XYZ	74.0180, 72.0653, 77.1477
YIQ	222.9530, 16.5500, 8.4380

Conversions

Conversions Part 2

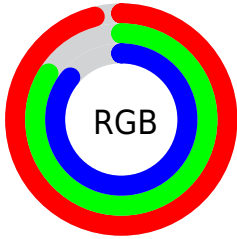
Format	Color
RYB	244, 213, 219
Decimal	16045531
CIELab	88.00, 11.74, 1.01
CIElCh	88, 11.780, 4.921
Yxy	72.0653, 0.3316, 0.3228
Android (android.graphics.Color)	4294235611 (0xFFF4D5DB)
YUV	222.9530, -1.9488, 18.4582
Hunter-Lab	84.8913, 7.0771, 5.5422

Details

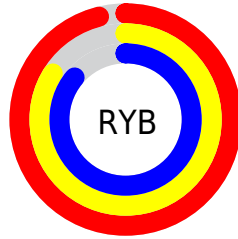
The CIELCh color **88, 11.780, 4.921** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 11.185, 182.666**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **68, 12.090, 4.771** is the 20% darker color. If you saturate the color by 10%, you get **82, 21.601, 6.118**, and if you desaturate by 10%, it is **94, 2.436, 3.752**.

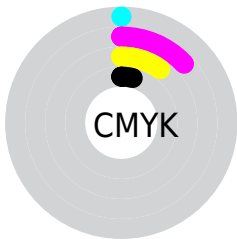
Distribution



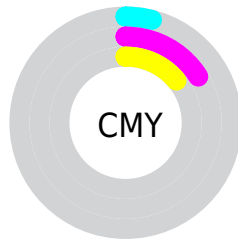
- Red (96%)
- Green (84%)
- Blue (86%)



- Red (96%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (4%)

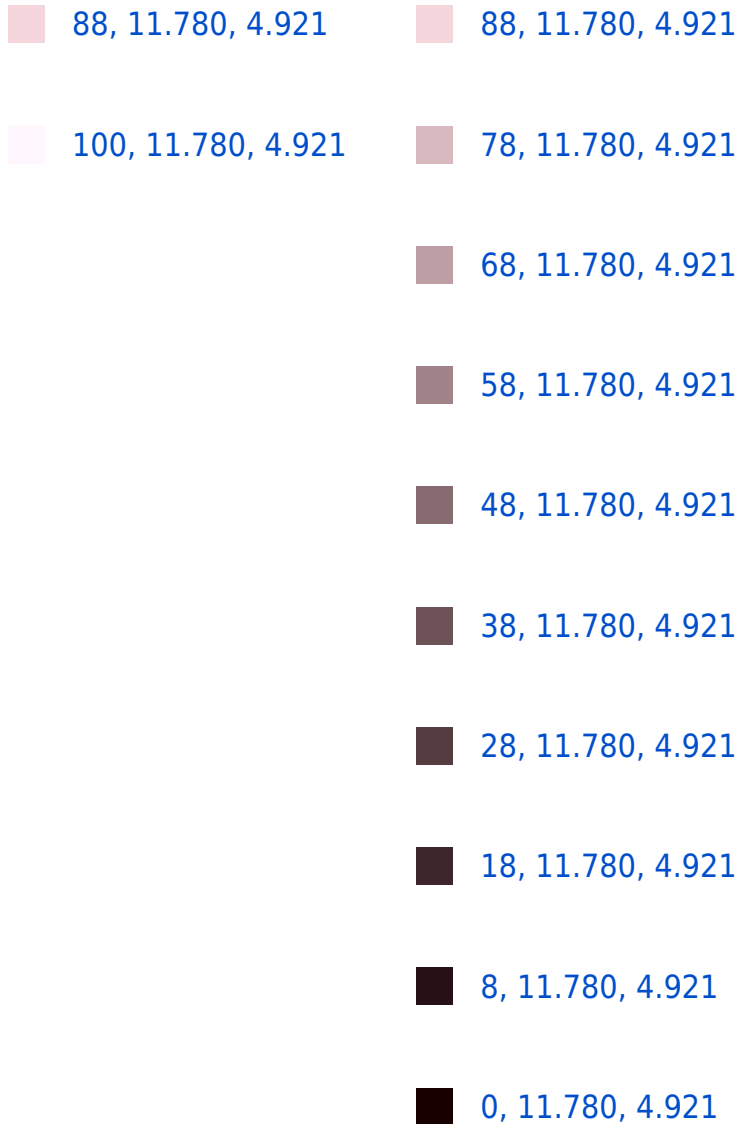


- Cyan (4%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 11.780, 4.921 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, 11.780, 4.921 by changing the saturation by 10% instead.



88, 11.780, 4.921

88, 11.780, 4.921

82, 21.601, 6.118

94, 2.436, 3.752

76, 31.822, 7.533

99, 3.738, 199.345

70, 42.274, 9.269

65, 52.685, 11.438

60, 62.678, 14.187

56, 71.842, 17.670

54, 79.872, 21.999

52, 86.709, 27.098

51, 91.164, 30.962

Harmonies

Complementary

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



88, 11.780, 4.921



94, 11.185, 182.666

Rectangle

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



88, 11.780, 4.921



88, 11.780, 54.921



88, 11.780, 184.921



88, 11.780, 234.921

Sweetspot

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



88, 11.778, 4.929



97, 3.756, 3.953



88, 18.448, 319.364



51, 2.674, 4.049



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, 11.778, 4.929



90, 14.503, 5.192



90, 9.363, 50.675



48, 5.238, 4.578



39, 73.697, 29.973



9, 30.024, 17.022

Inverse Universe

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



88, 11.778, 4.929



90, 14.503, 5.192



92, 8.726, 232.627



48, 5.238, 4.578



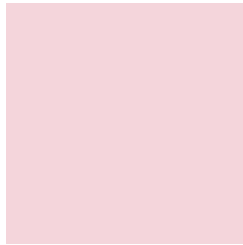
39, 73.697, 29.973



9, 30.024, 17.022

Previews

White Background



This preview shows how the CIELCh color 88, 11.780, 4.921 looks on a white background.

Color Contrast Check

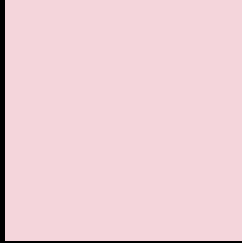
Large Text (above 18pt) WCAG AA × Fail

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 88, 11.780, 4.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

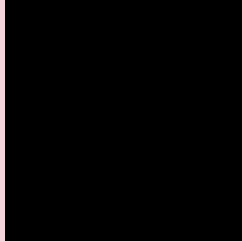
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 11.780, 4.921

Background



This preview shows how black text looks on a background with the CIELCh color 88, 11.780, 4.921.



This preview shows how white text looks on a background with the CIELCh color 88, 11.780, 4.921.

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, 11.780, 4.921

Protanopia

88, 2.143, 332.291

Deuteranopia

88, 10.935, 6.451



Tritanopia
88, 14.562, 345.618

Trichromacy



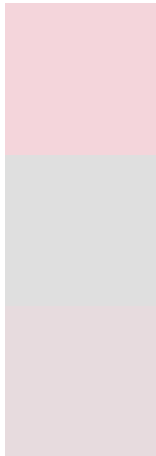
Original Color
88, 11.780, 4.921

Protanomaly
88, 5.156, 355.851

Deuteranomaly
88, 10.935, 6.451

Tritanomaly
88, 13.769, 351.021

Monochromacy



Original Color
88, 11.780, 4.921

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 4.622, 359.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 11.780, 4.921 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(244, 213, 219)` looks like.

```
.text, #text, p{  
    color:rgb(244, 213, 219)  
}
```

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(244, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 213, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 11.780, 4.921 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(244, 213, 219) }
```

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

```
.border{ border-color:rgb(244, 213, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(244, 213,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 11.780, 4.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 213, 219) }
```

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

```
.background{ background-color: rgb(244,  
213, 219) }
```

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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