

Converting Colors

CIELCh(100, 62.234, 21.875)

Have a look what the booklet for
CIELCh(100, 62.234, 21.875)
contains.

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Color

CIELCh(88, 17.670, 12.317)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D6
RGB	255, 209, 214
RGB Percent	100%, 82%, 84%
CMY	0.0000, 0.1796, 0.1600
CMYK	0.00, 0.18, 0.16, 0.00
HSL	353°, 100%, 91%
HSV	353°, 18%, 100%
XYZ	76.7180, 72.0653, 73.6217
YIQ	223.3240, 25.8110, 11.3070

Conversions

Conversions Part 2

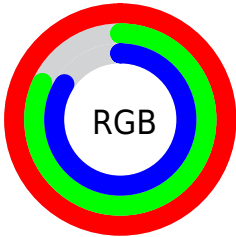
Format	Color
R _Y B	255, 209, 214
Decimal	16765398
CIE Lab	88.00, 17.26, 3.77
CIE LCh	88, 17.670, 12.317
Yxy	72.0653, 0.3449, 0.3240
Android (android.graphics.Color)	4294955478 (0xFFFFD1D6)
YUV	223.3240, -4.5967, 27.7799
Hunter-Lab	84.8913, 12.7543, 8.0048

Details

The CIELCh color **88, 17.670, 12.317** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **97, 15.660, 189.017**, 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, 17.552, 12.156** is the 20% darker color. If you saturate the color by 10%, you get **81, 27.602, 13.292**, and if you desaturate by 10%, it is **95, 7.377, 10.998**.

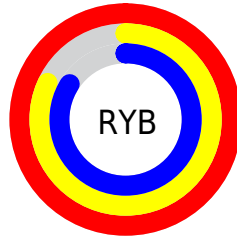
Distribution



Red (100%)

Green (82%)

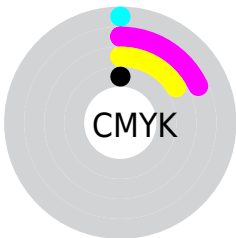
Blue (84%)



Red (100%)

Yellow (82%)

Blue (84%)

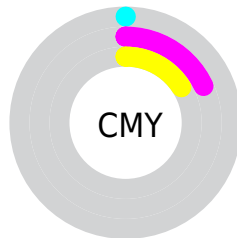


Cyan (0%)

Magenta (18%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 17.670, 12.317 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, 17.670, 12.317 by changing the saturation by 10% instead.

 88, 17.670, 12.317

 88, 17.670, 12.317

 100, 17.670,
12.317

 78, 17.670, 12.317

 68, 17.670, 12.317

 58, 17.670, 12.317

 48, 17.670, 12.317

 38, 17.670, 12.317

 28, 17.670, 12.317

 18, 17.670, 12.317

 8, 17.670, 12.317

 0, 17.670, 12.317

88, 17.670, 12.317

88, 17.670, 12.317

81, 27.602, 13.292

95, 7.377, 10.998

75, 38.505, 14.833

100, 0.012,
296.813

69, 49.715, 16.780

64, 60.933, 19.264

60, 71.775, 22.422

57, 81.856, 26.335

55, 90.853, 30.883

53, 98.331, 35.481

53, 99.668, 36.271

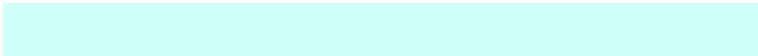
Harmonies

Complementary

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



88, 17.670, 12.317



97, 15.660, 189.017

Rectangle

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



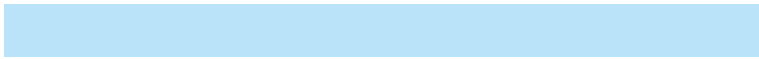
88, 17.670, 12.317



88, 17.670, 62.317



88, 17.670, 192.317



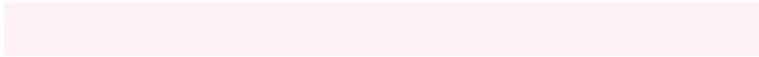
88, 17.670, 242.317

Sweetspot

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



88, 17.195, 12.049



97, 4.592, 10.684



89, 27.755, 322.099



51, 3.140, 10.763



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

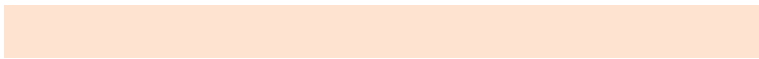
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 17.195, 12.049



85, 21.335, 12.522



92, 13.964, 60.094



50, 5.298, 11.155



40, 79.537, 35.481



10, 32.540, 22.736

Inverse Universe

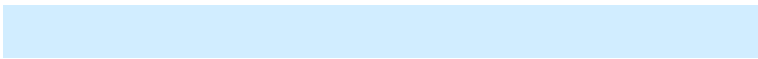
The Inverse Universe completely reimagines the original color for something new.



88, 17.195, 12.049



85, 21.335, 12.522



92, 12.862, 244.023



50, 5.298, 11.155



40, 79.537, 35.481



10, 32.540, 22.736

Previews

White Background



This preview shows how the CIELCh color 88, 17.670, 12.317 looks on a white background.

Color Contrast Check

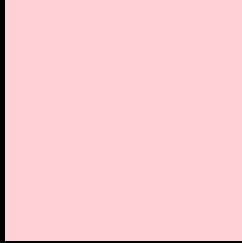
Large Text (above 18pt) WCAG AA × Fail

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, 17.670, 12.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

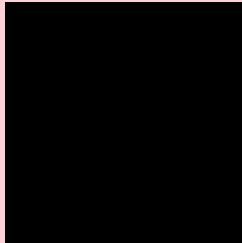
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 17.670, 12.317

Background



This preview shows how black text looks on a background with the CIELCh color 88, 17.670, 12.317.



This preview shows how white text looks on a background with the CIELCh color 88, 17.670, 12.317.

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, 17.277, 12.091

Protanopia

88, 1.803, 19.205

Deuteranopia

88, 11.850, 20.230



Tritanopia
88, 19.056, 355.051

Trichromacy



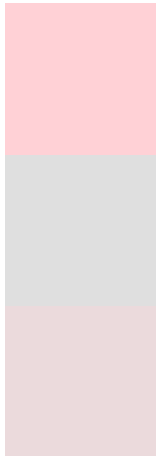
Original Color
88, 17.277, 12.091

Protanomaly
88, 7.378, 11.775

Deuteranomaly
88, 13.743, 18.230

Tritanomaly
88, 18.352, 1.002

Monochromacy



Original Color
88, 17.277, 12.091

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 6.273, 10.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 17.670, 12.317 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, 209, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 214)  
}
```

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, 209, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 17.670, 12.317 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, 209, 214) }
```

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

```
.border{ border-color:rgb(255, 209, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 17.670, 12.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 214) }
```

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

```
.background{ background-color: rgb(255,  
209, 214) }
```

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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