

Converting Colors

CIELCh(88, 16.987, 39.758)

Have a look what the booklet for
CIELCh(88, 16.987, 39.758) contains.

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Color

CIELCh(88, 17.010, 39.964)

Conversions

Conversions Part 1

Format	Color
Hex	FED4C9
RGB	254, 212, 201
RGB Percent	100%, 83%, 79%
CMY	0.0056, 0.1702, 0.2134
CMYK	0.00, 0.17, 0.21, 0.01
HSL	12°, 95%, 89%
HSV	12°, 21%, 99%
XYZ	74.6476, 72.0653, 64.9798
YIQ	223.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

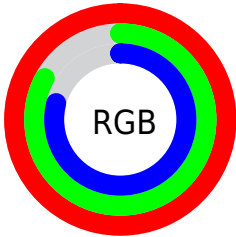
Format	Color
RYB	254, 215, 201
Decimal	16700617
CIELab	88.00, 13.04, 10.93
CIELCh	88, 17.010, 39.964
Yxy	72.0653, 0.3526, 0.3404
Android (android.graphics.Color)	4294890697 (0xFF FED4C9)
YUV	223.3040, -10.9959, 26.9204
Hunter-Lab	84.8913, 8.4010, 14.0405

Details

The CIELCh color **88, 17.010, 39.964** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 14.801, 221.282**, 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, 17.203, 39.177** is the 20% darker color. If you saturate the color by 10%, you get **83, 26.233, 40.002**, and if you desaturate by 10%, it is **93, 8.506, 40.053**.

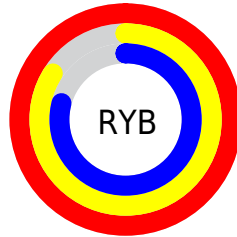
Distribution



Red (100%)

Green (83%)

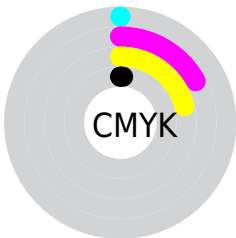
Blue (79%)



Red (100%)

Yellow (84%)

Blue (79%)

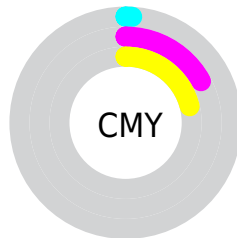


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 17.010, 39.964 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, 17.010, 39.964 by changing the saturation by 10% instead.

 88, 17.010, 39.964

 88, 17.010, 39.964

 100, 17.010,
39.964

 78, 17.010, 39.964

 68, 17.010, 39.964

 58, 17.010, 39.964

 48, 17.010, 39.964

 38, 17.010, 39.964

 28, 17.010, 39.964

 18, 17.010, 39.964

 8, 17.010, 39.964

 0, 17.010, 39.964

88, 17.010, 39.964

88, 17.010, 39.964

83, 26.233, 40.002

93, 8.506, 40.053

78, 36.211, 40.194

99, 0.667, 39.378

73, 46.936, 40.588

100, 0.498,
200.704

68, 58.321, 41.212

64, 70.136, 42.044

61, 81.843, 42.944

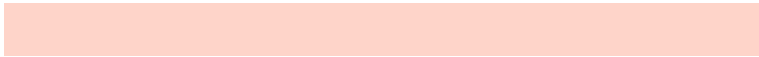
58, 92.231, 43.488

56, 99.133, 43.266

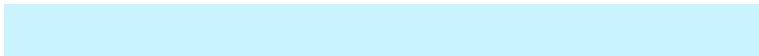
Harmonies

Complementary

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



88, 17.010, 39.964



93, 14.801, 221.282

Rectangle

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



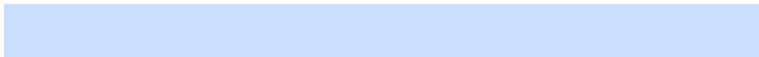
88, 17.010, 39.964



88, 17.010, 89.964



88, 17.010, 219.964



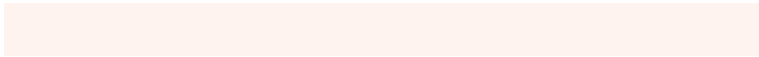
88, 17.010, 269.964

Sweetspot

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



88, 17.009, 39.974



97, 4.612, 40.084



87, 28.988, 331.855



51, 3.068, 40.085



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

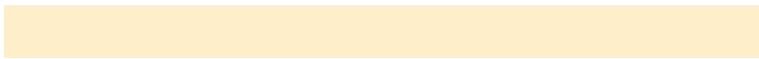
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88, 17.009, 39.974



86, 20.803, 39.969



94, 19.916, 91.063



50, 4.434, 40.067



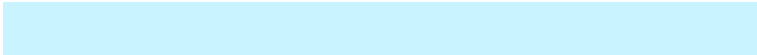
42, 79.735, 43.682



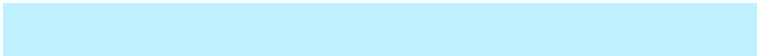
12, 29.868, 37.614

Inverse Universe

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



93, 14.801, 221.282



92, 17.554, 221.541



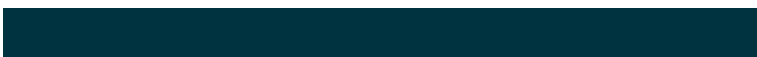
86, 19.985, 276.678



52, 4.179, 220.769



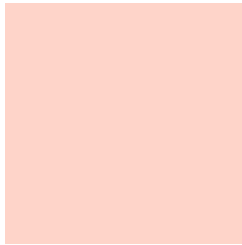
58, 35.546, 237.338



19, 16.176, 231.876

Previews

White Background



This preview shows how the CIELCh color 88, 17.010, 39.964 looks on a white background.

Color Contrast Check

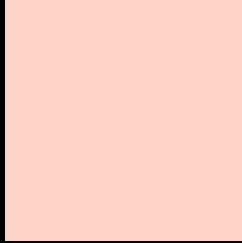
Large Text (above 18pt) WCAG AA × Fail

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, 17.010, 39.964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

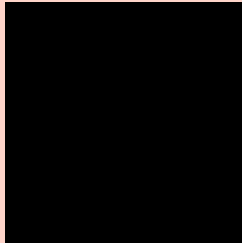
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 17.010, 39.964

Background



This preview shows how black text looks on a background with the CIELCh color 88, 17.010, 39.964.

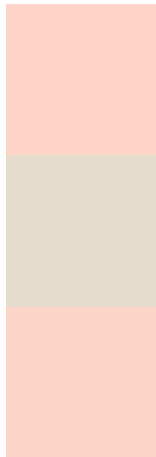


This preview shows how white text looks on a background with the CIELCh color 88, 17.010, 39.964.

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, 17.010, 39.964

Protanopia

88, 8.469, 86.286

Deuteranopia

88, 15.648, 45.722



Tritanopia
88, 18.508, 355.975

Trichromacy



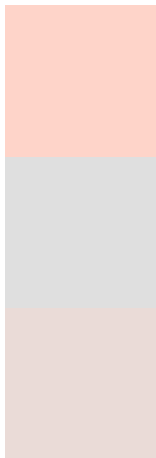
Original Color
88, 17.010, 39.964

Protanomaly
88, 10.732, 62.350

Deuteranomaly
88, 16.136, 42.970

Tritanomaly
88, 16.512, 11.623

Monochromacy



Original Color
88, 17.010, 39.964

Achromatopsia
89, 0.011, 296.813

Achromatomaly
88, 5.863, 40.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 17.010, 39.964 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(254, 212, 201)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 201)  
}
```

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(254, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 17.010, 39.964 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(254, 212, 201) }
```

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

```
.border{ border-color:rgb(254, 212, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 212, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 17.010, 39.964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 201) }
```

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

```
.background{ background-color: rgb(254,  
212, 201) }
```

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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