

Converting Colors

CIELCh(100, 62.927, 22.469)

Have a look what the booklet for
CIELCh(100, 62.927, 22.469)
contains.

CIELCh(87, 18.031, 14.172)	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(87, 18.031, 14.172)

Conversions

Conversions Part 1

Format	Color
Hex	FECED2
RGB	254, 206, 210
RGB Percent	100%, 81%, 82%
CMY	0.0033, 0.1913, 0.1757
CMYK	0.00, 0.19, 0.17, 0.00
HSL	355°, 97%, 90%
HSV	355°, 19%, 100%
XYZ	74.7130, 70.0064, 70.6806
YIQ	220.8080, 27.3240, 11.4200

Conversions

Conversions Part 2

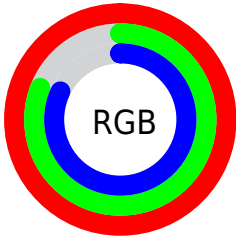
Format	Color
RYB	254, 206, 210
Decimal	16699090
CIELab	87.00, 17.48, 4.41
CIELCh	87, 18.031, 14.172
Yxy	70.0064, 0.3469, 0.3250
Android (android.graphics.Color)	4294889170 (0xFFFECEd2)
YUV	220.8080, -5.3283, 29.1094
Hunter-Lab	83.6698, 12.9694, 8.4833

Details

The CIELCh color **87, 18.031, 14.172** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 16.233, 191.139**, 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, 17.967, 14.160** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.490, 15.410**, and if you desaturate by 10%, it is **94, 8.190, 13.155**.

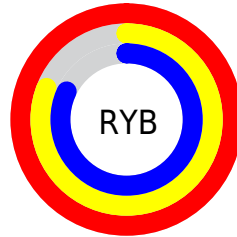
Distribution



Red (100%)

Green (81%)

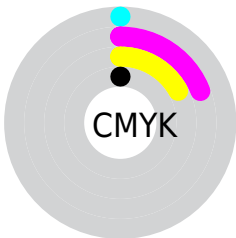
Blue (82%)



Red (100%)

Yellow (81%)

Blue (82%)

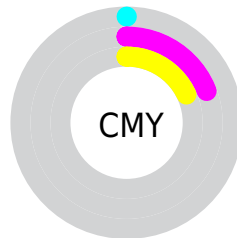


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.031, 14.172 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, 18.031, 14.172 by changing the saturation by 10% instead.

 87, 18.031, 14.172

 87, 18.031, 14.172

 100, 18.031,
14.172

 77, 18.031, 14.172

 67, 18.031, 14.172

 57, 18.031, 14.172

 47, 18.031, 14.172

 37, 18.031, 14.172

 27, 18.031, 14.172

 17, 18.031, 14.172

 7, 18.031, 14.172

 0, 18.031, 14.172

87, 18.031, 14.172

87, 18.031, 14.172

81, 28.490, 15.410

94, 8.190, 13.155

74, 39.486, 16.953

100, 0.289,
201.683

69, 50.831, 18.919

64, 62.230, 21.436

59, 73.302, 24.630

56, 83.650, 28.542

54, 92.853, 32.956

53, 100.162,
37.080

53, 100.850,
37.440

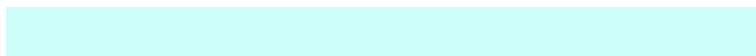
Harmonies

Complementary

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



87, 18.031, 14.172



96, 16.233, 191.139

Rectangle

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



87, 18.031, 14.172



87, 18.031, 64.172



87, 18.031, 194.172



87, 18.031, 244.172

Sweetspot

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



87, 18.029, 14.179



96, 5.501, 12.870



88, 29.372, 323.115



51, 3.657, 12.936



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

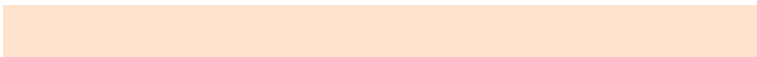
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 18.029, 14.179



85, 22.337, 14.656



92, 14.780, 63.846



50, 5.276, 13.217



40, 80.749, 36.758



10, 32.718, 23.806

Inverse Universe

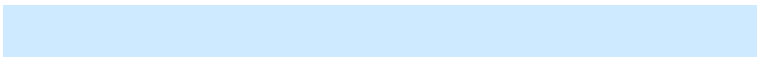
The Inverse Universe completely reimagines the original color for something new.



87, 18.029, 14.179



85, 22.337, 14.656



91, 13.691, 248.358



50, 5.276, 13.217



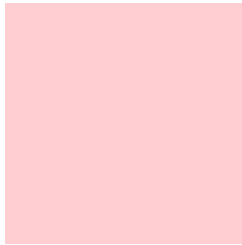
40, 80.749, 36.758



10, 32.718, 23.806

Previews

White Background



This preview shows how the CIELCh color 87, 18.031, 14.172 looks on a white background.

Color Contrast Check

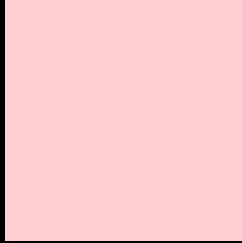
Large Text (above 18pt) WCAG AA × Fail

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, 18.031, 14.172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

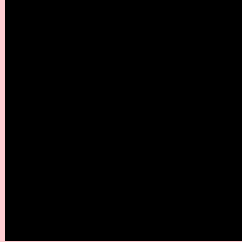
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.031, 14.172

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.031, 14.172.



This preview shows how white text looks on a background with the CIELCh color 87, 18.031, 14.172.

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, 18.048, 14.180

Protanopia

87, 1.877, 35.354

Deuteranopia

87, 11.584, 25.340



Tritanopia
87, 19.932, 357.961

Trichromacy



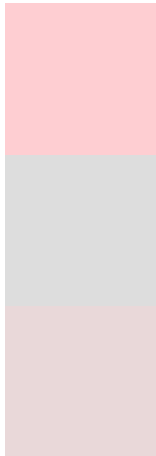
Original Color
87, 18.048, 14.180

Protanomaly
87, 7.724, 16.039

Deuteranomaly
87, 13.800, 20.397

Tritanomaly
87, 19.335, 3.742

Monochromacy



Original Color
87, 18.048, 14.180

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.226, 14.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.031, 14.172 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, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 210)  
}
```

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, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.031, 14.172 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, 206, 210) }
```

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

```
.border{ border-color:rgb(254, 206, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.031, 14.172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 210) }
```

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

```
.background{ background-color: rgb(254,  
206, 210) }
```

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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