

Converting Colors

CIELCh(87, 17.972, 16.048)

Have a look what the booklet for
CIELCh(87, 17.972, 16.048) contains.

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Color

CIELCh(87, 18.030, 15.822)

Conversions

Conversions Part 1

Format	Color
Hex	FECED1
RGB	254, 206, 209
RGB Percent	100%, 81%, 82%
CMY	0.0029, 0.1911, 0.1794
CMYK	0.00, 0.19, 0.18, 0.00
HSL	356°, 97%, 90%
HSV	356°, 19%, 100%
XYZ	74.6473, 70.0064, 70.0686
YIQ	220.6940, 27.6450, 11.1090

Conversions

Conversions Part 2

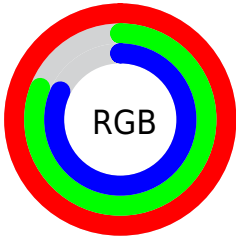
Format	Color
RYB	254, 206, 209
Decimal	16699089
CIELab	87.00, 17.35, 4.92
CIELCh	87, 18.030, 15.822
Yxy	70.0064, 0.3476, 0.3260
Android (android.graphics.Color)	4294889169 (0xFFFECD1)
YUV	220.6940, -5.7651, 29.2094
Hunter-Lab	83.6698, 12.8292, 8.9170

Details

The CIELCh color **87, 18.030, 15.822** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 16.149, 192.946**, 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, 17.955, 15.898** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.529, 17.027**, and if you desaturate by 10%, it is **94, 8.183, 14.841**.

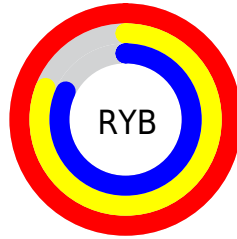
Distribution



Red (100%)

Green (81%)

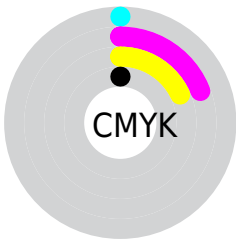
Blue (82%)



Red (100%)

Yellow (81%)

Blue (82%)

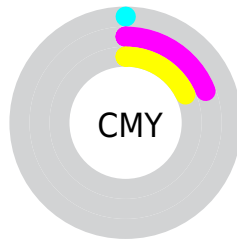


Cyan (0%)

Magenta (19%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.030, 15.822 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, 18.030, 15.822 by changing the saturation by 10% instead.

 87, 18.030, 15.822

 87, 18.030, 15.822

 100, 18.030,
15.822

 77, 18.030, 15.822

 67, 18.030, 15.822

 57, 18.030, 15.822

 47, 18.030, 15.822

 37, 18.030, 15.822

 27, 18.030, 15.822

 17, 18.030, 15.822

 7, 18.030, 15.822

 0, 18.030, 15.822

87, 18.030, 15.822

87, 18.030, 15.822

81, 28.529, 17.027

94, 8.183, 14.841

74, 39.608, 18.540

100, 0.253,
202.014

69, 51.090, 20.478

64, 62.687, 22.969

59, 74.022, 26.127

56, 84.673, 29.966

54, 94.110, 34.206

53, 101.280,
37.939

53, 101.905,
38.233

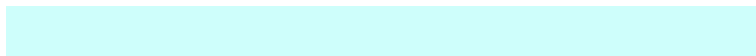
Harmonies

Complementary

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



87, 18.030, 15.822



96, 16.149, 192.946

Rectangle

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



87, 18.030, 15.822



87, 18.030, 65.822



87, 18.030, 195.822



87, 18.030, 245.822

Sweetspot

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



87, 18.028, 15.829



96, 5.486, 14.565



88, 29.539, 323.595



51, 3.647, 14.629



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

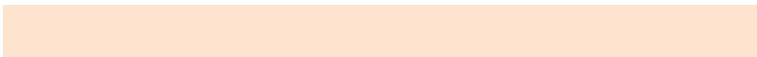
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 18.028, 15.829



85, 22.330, 16.291



92, 14.870, 65.737



50, 5.263, 14.900



40, 81.641, 37.645



10, 32.871, 24.665

Inverse Universe

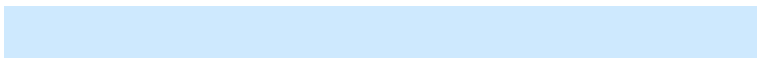
The Inverse Universe completely reimagines the original color for something new.



87, 18.028, 15.829



85, 22.330, 16.291



91, 13.846, 250.408



50, 5.263, 14.900



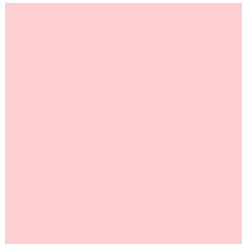
40, 81.641, 37.645



10, 32.871, 24.665

Previews

White Background



This preview shows how the CIELCh color 87, 18.030, 15.822 looks on a white background.

Color Contrast Check

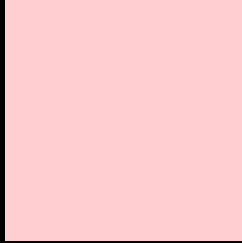
Large Text (above 18pt) WCAG AA × Fail

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, 18.030, 15.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

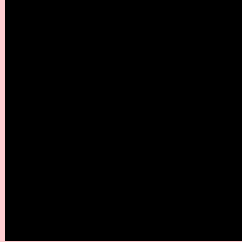
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.030, 15.822

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.030, 15.822.

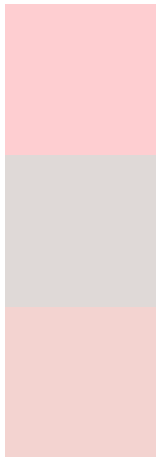


This preview shows how white text looks on a background with the CIELCh color 87, 18.030, 15.822.

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, 18.030, 15.822

Protanopia

87, 2.403, 45.022

Deuteranopia

87, 12.042, 27.650



Tritanopia
87, 19.932, 357.961

Trichromacy



Original Color
87, 18.030, 15.822

Protanomaly
87, 7.717, 19.897

Deuteranomaly
87, 14.218, 22.512

Tritanomaly
87, 19.335, 3.742

Monochromacy



Original Color
87, 18.030, 15.822

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, 18.030, 15.822 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.030, 15.822 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, 209) }
```

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

```
.border{ border-color:rgb(254, 206, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 206, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 206, 209); box-shadow:4px 4px 4px 4px rgb(254, 206, 209) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.030, 15.822 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, 209) }
```

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

```
.background{ background-color: rgb(254,  
206, 209) }
```

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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