

Converting Colors

CIELCh(87, 18.862, 1.900)

Have a look what the booklet for
CIELCh(87, 18.862, 1.900) contains.

CIELCh(87, 18.600, 2.975)	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, 18.600, 2.975)

Conversions

Conversions Part 1

Format	Color
Hex	FECED9
RGB	254, 206, 217
RGB Percent	100%, 81%, 85%
CMY	0.0051, 0.1933, 0.1502
CMYK	0.00, 0.19, 0.15, 0.01
HSL	346°, 95%, 90%
HSV	346°, 19%, 99%
XYZ	75.2450, 70.0064, 74.9887
YIQ	221.6060, 25.0770, 13.5970

Conversions

Conversions Part 2

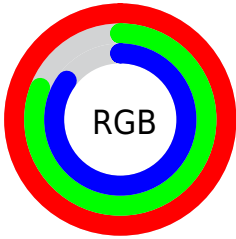
Format	Color
RYB	254, 206, 217
Decimal	16699097
CIELab	87.00, 18.57, 0.97
CIElCh	87, 18.600, 2.975
Yxy	70.0064, 0.3416, 0.3179
Android (android.graphics.Color)	4294889177 (0xFFFECEd9)
YUV	221.6060, -2.2708, 28.4095
Hunter-Lab	83.6698, 14.1044, 5.4304

Details

The CIELCh color **87, 18.600, 2.975** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 17.336, 179.314**, 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, 18.401, 3.941** is the 20% darker color. If you saturate the color by 10%, you get **81, 29.040, 4.303**, and if you desaturate by 10%, it is **94, 8.556, 1.839**.

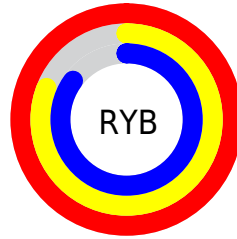
Distribution



Red (100%)

Green (81%)

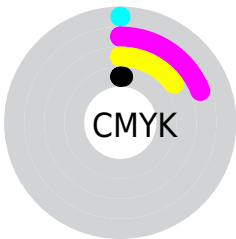
Blue (85%)



Red (100%)

Yellow (81%)

Blue (85%)

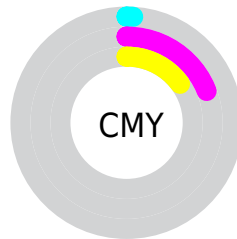


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.600, 2.975 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, 18.600, 2.975 by changing the saturation by 10% instead.



87, 18.600, 2.975

87, 18.600, 2.975

81, 29.040, 4.303

94, 8.556, 1.839

75, 39.733, 5.899

100, 0.455,
200.833

69, 50.416, 7.869

64, 60.716, 10.345

60, 70.187, 13.488

57, 78.435, 17.455

54, 85.313, 22.311

53, 91.101, 27.802

53, 91.732, 28.379

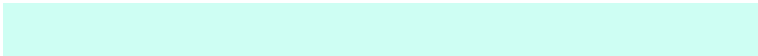
Harmonies

Complementary

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



87, 18.600, 2.975



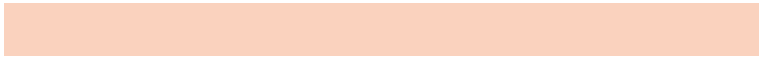
96, 17.336, 179.314

Rectangle

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



87, 18.600, 2.975



87, 18.600, 52.975



87, 18.600, 182.975



87, 18.600, 232.975

Sweetspot

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



87, 18.597, 2.980



96, 5.742, 1.514



87, 28.235, 318.628



51, 3.815, 1.588



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

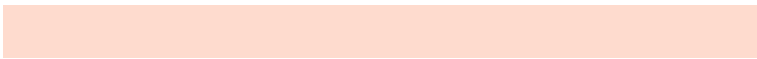
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 18.597, 2.980



85, 22.919, 3.494



90, 14.874, 46.512



50, 5.489, 1.904



40, 73.556, 27.336



10, 31.815, 17.195

Inverse Universe

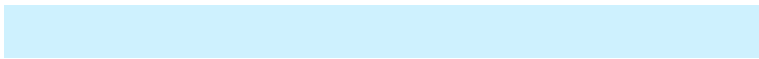
The Inverse Universe completely reimagines the original color for something new.



87, 18.597, 2.980



85, 22.919, 3.494



93, 13.244, 228.818



50, 5.489, 1.904



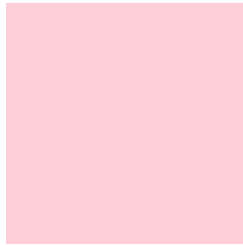
40, 73.556, 27.336



10, 31.815, 17.195

Previews

White Background



This preview shows how the CIELCh color 87, 18.600, 2.975 looks on a white background.

Color Contrast Check

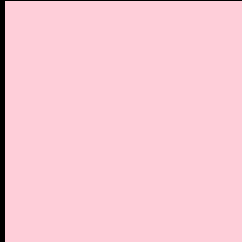
Large Text (above 18pt) WCAG AA × Fail

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, 18.600, 2.975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

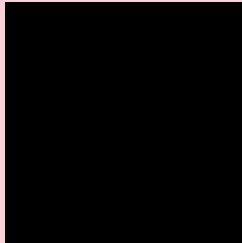
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.600, 2.975

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.600, 2.975.

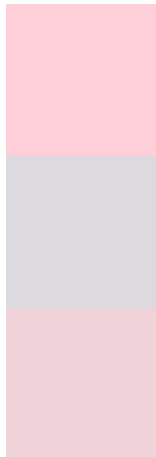


This preview shows how white text looks on a background with the CIELCh color 87, 18.600, 2.975.

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, 18.600, 2.975

Protanopia

87, 3.339, 309.147

Deuteranopia

87, 10.965, 6.467



Tritanopia
87, 19.776, 356.091

Trichromacy



Original Color
87, 18.600, 2.975

Protanomaly
87, 8.076, 348.809

Deuteranomaly
87, 13.745, 5.076

Tritanomaly
87, 19.416, 358.927

Monochromacy



Original Color
87, 18.600, 2.975

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.882, 2.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 18.600, 2.975 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.600, 2.975 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, 217) }
```

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

```
.border{ border-color:rgb(254, 206, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 217);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.600, 2.975 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, 217) }
```

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

```
.background{ background-color: rgb(254,  
206, 217) }
```

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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