

Converting Colors

CIELCh(94, 42.888, 19.746)

Have a look what the booklet for
CIELCh(94, 42.888, 19.746) contains.

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Color

CIELCh(87, 18.064, 12.535)

Conversions

Conversions Part 1

Format	Color
Hex	FECED3
RGB	254, 206, 211
RGB Percent	100%, 81%, 83%
CMY	0.0035, 0.1916, 0.1720
CMYK	0.00, 0.19, 0.17, 0.00
HSL	354°, 96%, 90%
HSV	354°, 19%, 100%
XYZ	74.7864, 70.0064, 71.2873
YIQ	220.9220, 27.0030, 11.7310

Conversions

Conversions Part 2

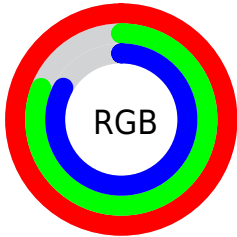
Format	Color
R _Y B	254, 206, 211
Decimal	16699091
CIE Lab	87.00, 17.63, 3.92
CIE LCh	87, 18.064, 12.535
Yxy	70.0064, 0.3461, 0.3240
Android (android.graphics.Color)	4294889171 (0xFFFECEd3)
YUV	220.9220, -4.8915, 29.0094
Hunter-Lab	83.6698, 13.1261, 8.0534

Details

The CIELCh color **87, 18.064, 12.535** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 16.346, 189.361**, 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, 17.996, 12.427** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.494, 13.801**, and if you desaturate by 10%, it is **94, 8.219, 11.487**.

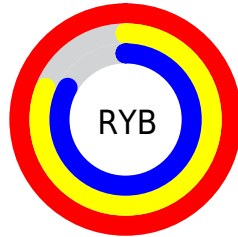
Distribution



Red (100%)

Green (81%)

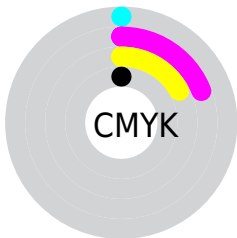
Blue (83%)



Red (100%)

Yellow (81%)

Blue (83%)

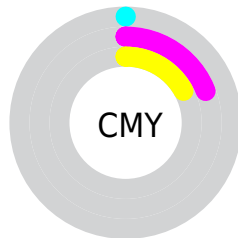


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 87, 18.064, 12.535 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, 18.064, 12.535 by changing the saturation by 10% instead.

 87, 18.064, 12.535

 87, 18.064, 12.535

 100, 18.064,
12.535

 77, 18.064, 12.535

 67, 18.064, 12.535

 57, 18.064, 12.535

 47, 18.064, 12.535

 37, 18.064, 12.535

 27, 18.064, 12.535

 17, 18.064, 12.535

 7, 18.064, 12.535

 0, 18.064, 12.535

87, 18.064, 12.535

87, 18.064, 12.535

81, 28.494, 13.801

94, 8.219, 11.487

74, 39.418, 15.369

100, 0.314,
201.497

69, 50.638, 17.355

64, 61.849, 19.891

59, 72.666, 23.111

56, 82.706, 27.079

54, 91.633, 31.635

53, 98.956, 36.093

53, 99.679, 36.505

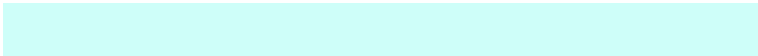
Harmonies

Complementary

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



87, 18.064, 12.535



96, 16.346, 189.361

Rectangle

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



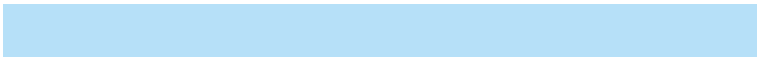
87, 18.064, 12.535



87, 18.064, 62.535



87, 18.064, 192.535



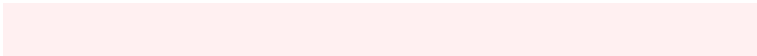
87, 18.064, 242.535

Sweetspot

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



87, 18.062, 12.541



96, 5.522, 11.192



88, 29.099, 322.144



51, 3.671, 11.261



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

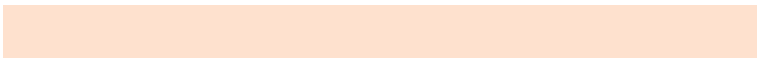
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87, 18.062, 12.541



85, 22.364, 13.031



91, 14.679, 60.010



50, 5.293, 11.551



40, 79.778, 35.741



10, 32.573, 22.943

Inverse Universe

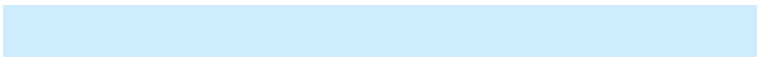
The Inverse Universe completely reimagines the original color for something new.



87, 18.062, 12.541



85, 22.364, 13.031



92, 13.458, 244.150



50, 5.293, 11.551



40, 79.778, 35.741



10, 32.573, 22.943

Previews

White Background



This preview shows how the CIELCh color 87, 18.064, 12.535 looks on a white background.

Color Contrast Check

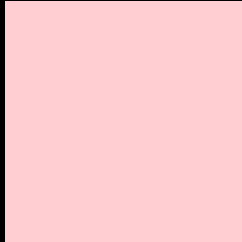
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 87, 18.064, 12.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

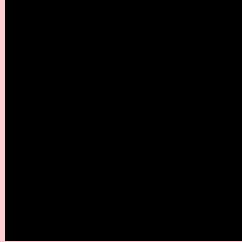
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 87, 18.064, 12.535

Background



This preview shows how black text looks on a background with the CIELCh color 87, 18.064, 12.535.



This preview shows how white text looks on a background with the CIELCh color 87, 18.064, 12.535.

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, 18.082, 12.543

Protanopia

87, 1.808, 19.211

Deuteranopia

87, 11.528, 22.784



Tritanopia
87, 20.113, 356.575

Trichromacy



Original Color
87, 18.082, 12.543

Protanomaly
87, 7.766, 12.205

Deuteranomaly
87, 13.784, 18.246

Tritanomaly
87, 19.464, 2.263

Monochromacy



Original Color
87, 18.082, 12.543

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, 18.064, 12.535 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 18.064, 12.535 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, 211) }
```

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

```
.border{ border-color:rgb(254, 206, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 211);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 18.064, 12.535 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, 211) }
```

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

```
.background{ background-color: rgb(254,  
206, 211) }
```

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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